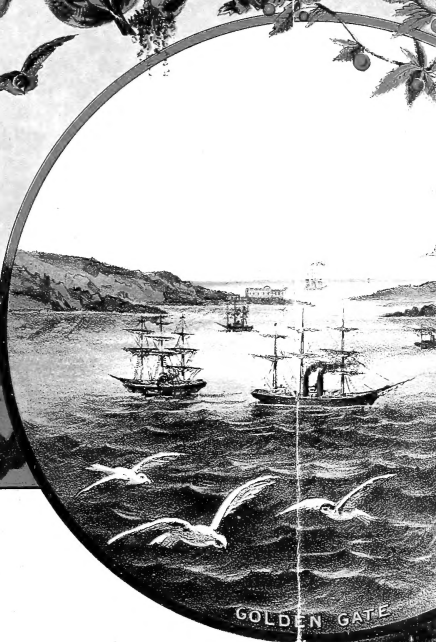


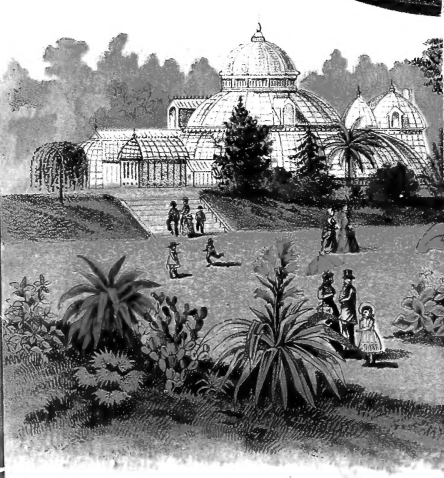
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SEED
ANNUAL
1890.



Conservatory
Golden Gate Park.

	PAGE		PAGE
Anstralian Tree and Shrub Seeds	28	Lilies	53
California Tree and Shrub Seeds	28	Miscellaneous Bulbs	51
Miscellaneous Tree and Shrub Seeds	26	Miscellaneous Agricultural Seeds	24
Chrysanthemums	55	New and Rare Fruit Trees	61
Flower Seeds	31	New and Rare Plants	54
Fruit Tree Seeds	31	Ornamental Shade Trees	58
Fruit Trees	48	Palm Seeds	31
Flower Seeds by weight	62	Roses	56
Grass and Clover Seeds	21	Rural Books	63
Herb Seeds	21	Vegetable Seeds	2
Hyacinths and Tulips	51		



CALOCHORTUS or CALIFORNIA TULIPS.

(MARIPOSA LILY.)

A very pretty group of California bulbous plants, they grow about six inches high and should be planted in groups of half dozen each. These grand California Tulips are found scattered over different portions of the State, and are now being much cultivated in England, France and Germany, they are all quite hardy and free growing in any ordinary soil. They are invaluable for pots, and are exceedingly pretty for border or rockwork, planted in clumps.

We offer varieties in splendid mixture, at 50 cents per doz.; \$3.00 per 100.

COX'S

Novelties and Choice Strains

FLOWER SEEDS.

We also introduce this Season the Novelties of the German, English and French Seed Merchants.

MAGNIFICENT NEW SWEET PEAS.



The newer varieties of this exquisite flower have been greatly improved in form and colors; also increased in size.

Apple Blossom. Standard bright pinkish rose : wings bluish; very pretty. Per packet, 25c.

Boreatton. A very fine dark Pea; the standard being a rich shining bronzy-crimson, the wings of a beautiful crimson-purple shaded with rose. Per packet, 25c.

Cardinal. A splendid robust growing variety, producing a great profusion of bright shining crimson-scarlet flowers. Per packet, 15c.

Duchess of Edinburgh. A very distinct and beautiful variety; the standard light scarlet, flushed with crimson, slightly marbled or splashed at the edge with creamy-white, wings deep rose. Per packet, 15c.

Fairy Queen. White and rose; very delicate. Per packet, 10c.

Imperial Blue. Very distinct; standard rich purplish-crimson; wings bright blue, shaded with mauve. Per packet, 15c.

Indigo King. Standard dark maroon-purple; wings clear indigo blue. Per packet, 15c.

Isa Eckford. A most charming variety, the flowers being a creamy beautiful white, heavily suffused with rosy pink. Per packet, 15c.

Orange Prince. One of the most distinct; standard pink and orange, flushed with scarlet; wings bright rose, veined with pink. Per packet, 25c.

Princess of Wales. A fine variety; shaded and striped with mauve and purple on white ground. Per packet, 25c.

Queen of the Isles. Very distinct and handsome; the large and stout standard being bright scarlet-flushed and mottled with white; wings flaked and margined with rosy-purple. Per packet, 25c.

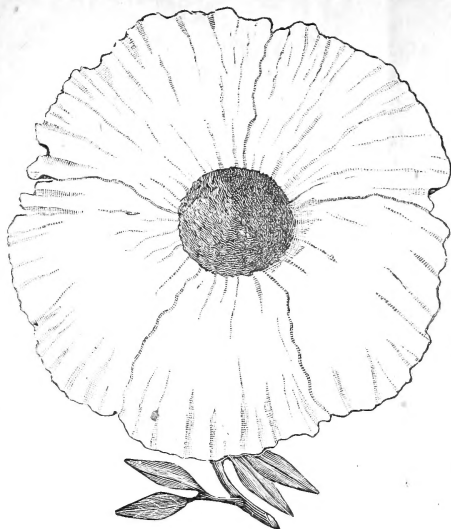
Queen of England. A new white variety of extra large size and good substance. Per packet, 15c.

Splendor. Rich bright pinkish rose, shaded with crimson; a very distinct and superb variety. Per pkt., 15c.

The Queen. A very beautiful and pleasing variety, the light rosy-pink standard being in charming contrast to the wings, which are light mauve. Per packet, 15c.

Vesuvius. Flowers very large and of great beauty, the upper petals being brilliant rose, shading to a deeper hue, and spotted carmine; the lower petals are shaded lilac. Per packet, 10c.

The above collection, one packet each, \$2.00.



The Great White California Poppy.

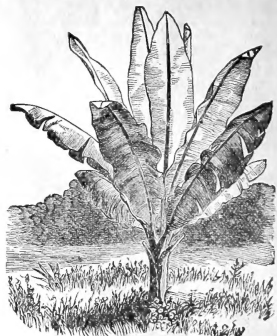
ROMNEYA COULTERI.

One of the grandest native flowers of Southern California. The flowers are pure white, resembling a large white Pæony, often measuring six inches in diameter. The center of the flower is composed of a cushion of golden-yellow anthers, greatly adding to its beauty. The flowers have a delicate fragrance resembling a Magnolia. The plant is a handsome stately-growing evergreen, attains the height of five feet, and remains in flower several months. Per packet, 20c.

PHLOX DRUMMONDII**"fimbriata."**

This is a new variety of Phlox. In habit it resembles that of the ordinary Phlox Drummondii, but is more compact. The height varies from 20 to 22 inches.

This novelty has proved very hardy, fine for open ground or pot-culture, cut-flower bouquets, etc. The petals of all the known Phlox varieties are entire, but in this variety they are partly fimbriate, partly three-toothed, all bordered with white, which with the bright eye of the center, picturesquely contrast with the velvety colors, consisting of more than twenty distinct colors. Per pkt., 25c.

**MUSA ENSETE.**

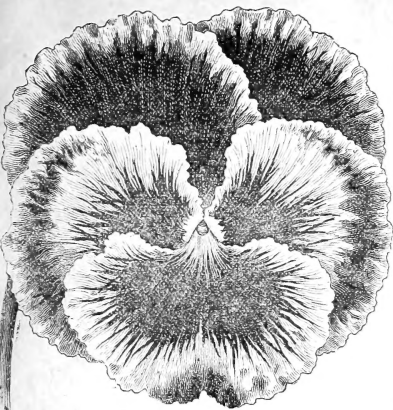
The noblest of all plants is the great Abyssinian Banana. The fruit of this variety is not edible, but the leaves are magnificent, long, broad and massive, of a beautiful green, with a broad, crimson midrib; the plant grows luxuriantly from eight to twelve feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. Per pkt., 50c.

PHLOX DRUMMONDII**"Cuspidata."****"Star of Quedlinburgh."**

This novelty, which has been obtained from the Phlox Drummondii fimbriata, is of quite an extraordinary character. The size of the flower is about the same, but the pointed center-teeth of the petals (five in number) are five to six times as long as the lateral ones and project, like little spines, $\frac{1}{4}$ to $\frac{1}{2}$ inch long. Thus the flowers appear to have a splendid, regular star-like form, with broad white margins. One of the finest flowers for fine bouquets, pot-flower, or open ground. Per pkt., 25c.



Phlox Drummondii "Cuspidata."



Pansy—Cox's Prize Strain.

PANSIES—Cox's Prize Strain.

It has been our ambition for years to supply our customers with a superior strain of these lovely flowers, which, on account of their many varieties and charming shades, are especially desirable for the garden. We have this season obtained from a noted grower in Belgium seed of all of his exhibition flowers, including almost every shade of color, exquisitely spotted and blotched, flamed and fancy varieties, a strain so beautiful that no description or praise can do it justice. In Europe these fancy varieties are grown under glass for exhibition in the fairs, but in California they can be grown in the open garden the same as the common varieties. Packets of 150 seeds at 50 cts.

Pansy, Cassier's Giant Odier.

This is one of the most remarkable strains of Pansies ever offered; the flowers are of immense size, often three inches and over in diameter, with the dark, deep, rich velvety blotches of the Odier type bordered with endless varieties of colors. It was the universal verdict of all who planted it last season that it was the best of all Pansies. The seed we offer was saved from none but the most perfect flowers, and those of the most striking colors. Pkt. 25c.

PANSY "BUGNOTS."

This new French variety created a great furore among all Pansy-growers. It is said to be, without question, the most striking variety ever raised. Immensely large, of the Giant Odier type, while the surface is covered with fine, hair-like lines. Packet 50 cts.

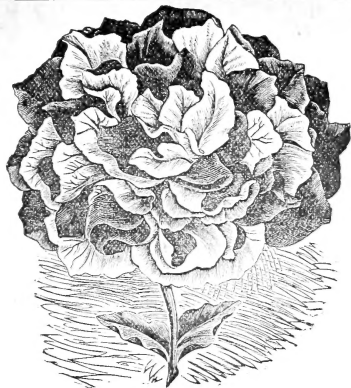
HUMULUS JAPONICUS.

Japanese Hop.

A very ornamental and extremely fast-growing climbing plant. The foliage resembles in shape that of the common Hop, but has more incisions, is very dense, and in color a lively green. One of the best climbers for covering verandas, trellises, etc. Never suffers from heat or insects. Per pkt., 15 cts.

MINA LOBATA.

Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange-yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitute a strikingly beautiful object. Per pkt., 25 cts.



Petunia, Double Fringed.

PETUNIA—Double Fringed.

Many colors; beautifully fringed; a good percentage double. These Petunians constitute a class of rare beauty, and have been found to come true from seed. Pkt. 50 cts.

LAVATERA (Arborea Variegata).

The variegation of its large leaves consists of an irregular mixture of very dark green, pale greenish gray, and the purest white, and is so pronounced as to impart to the whole plant a most remarkable and showy appearance. Pkt., 25 cts.



African Marigold, El Dorado.

MARIGOLD. EL DORADO.

The flowers are from three to four inches in diameter, perfectly imbricated and extremely double. The colors run through all the shades of yellow, from very light primrose to the deepest orange. There are at least four sections of coloring, viz: primrose, lemon, gold, and deep orange. The proportion of double flowers is greater than in any other selection we have seen. Per pkt., 10c.

MARIGOLD. Carter's Gold Nugget.

Remarkable for its dwarf, dense growth and immense double flowers, which are of a peculiar shade of golden-yellow, resembling Australian Gold. It blooms abundantly from June till cut down by frost. Per pkt., 10c.

MARIGOLD. Prince of Orange.

This novelty surpasses in beauty the well-known popular Calendula Meteor, the stripes around each petal are of a deep orange color, making a brilliant appearance. Per pkt., 10c.



Comet Aster.

COMET ASTER.

A new and beautiful class, forming fine, regular pyramids twelve to fifteen inches high, and covered with large double flowers. In shape they resemble a large flowered Japanese Chrysanthemum, the petals being long and twisted or curded and wavy. The color is a lovely delicate pink bordered with white. Per pkt., 25c.

CINERARIA (Wonder of the West.)

A magnificent strain, improved in form of the flowers as well as in their size. The petals overlap, and are of the richest texture; the masses of bloom are simply gigantic, and the rich colors, in great variety, are vivid and distinct. Per pkt., 50c.

PRIMULA OBCONICA.

A lovely perpetual blooming Primrose, admirably adapted to growing in a cool greenhouse. The flowers are profusely borne in trusses on long stems, are of a delicate rosy lilac and pure white, *thus making it an excellent cut flower for funeral work.* It is in bloom fully nine months of the year, and some plants have kept up a succession of bloom during the entire season. As a florists' flower it is invaluable. Pkt., 25c.

PEACOCK POPPY.

Habit dwarf, flowers brilliant-scarlet, nearly four inches in diameter, with conspicuous glossy black zone which meets the petals near the base, forming a complete ring equally apparent on both surfaces; a single plant often produces as many as a hundred blooms. Per pkt., 10c.

SNOWDRIFT POPPY.

Flowers pure snow-white, very double, of large size and perfectly round. This is the very best double white variety yet offered. Per pkt., 10c.

CRIMSON KING POPPY.

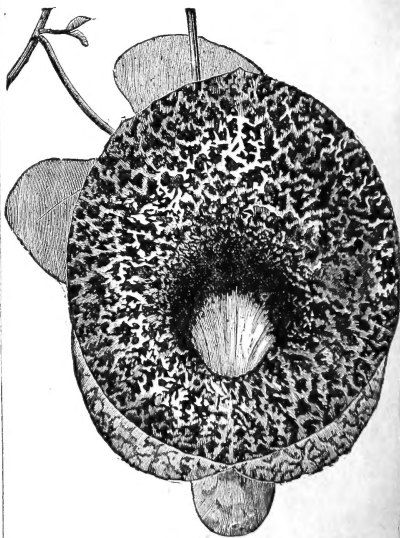
Brilliant Crimson flowers, perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snow drift together. Per pkt., 10c.

NEW MAMMOTH VERBENA.

A new strain of verbenas. When well grown every flower truss measures over nine inches in circumference, while the single florets are as large as a twenty-five cent piece; the plant also is more vigorous in growth than the ordinary verbenas. This great improvement in size is certain to increase the popularity of the verbenas. It is altogether distinct and surprisingly beautiful, the colors of which present the same wide range as the ordinary type. Per pkt., 35c.

NEW ZEBRA ZINNIAS.

The most beautiful and brilliant selection of double Zinnias we have ever seen. All the flowers produced from the seed we offer will not be striped; but a large percentage of the plants will be; those that are self-colored will be found brilliant in the extreme. An interesting characteristic of the Zebra Zinnia is a tendency shown by some of the plants to throw out a branch on which the flowers are self-colored, while all the other blooms are variegated or striped, making a striking and unique contrast. Mixed colors. Per packet, 10c.



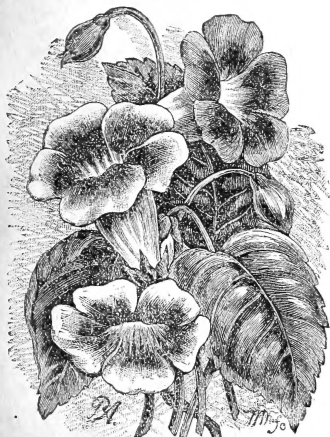
Aristolochia Elegans.

ARISTOLOCHIA ELEGANS.

Its handsome and elegant flowers are borne on long stalks and have a slightly distended tube, which is suddenly bent upwards, the upper part dilated into a cordate, cup-shaped limb of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the greatest profusion. Per pkt., 50c.

Cyclamen Persicum giganteum sanguineum.

A beautiful variety, whose flowers are of the deepest and richest shades of blood-red imaginable. From the seed offered, very fine and in every way satisfactory results will be obtained. Pkt. of 15 seeds, 50c.



Prize Gloxinias.



Hibiscus (Chinese).

HIBISCUS—Chinese.

These plants are becoming very popular as bedding plants. They are largely used in the public grounds at Washington and other places for this purpose, and of late years have attracted a great deal of attention; they are almost continually in bloom.

Hibiscus Rosa Sinensis (*Cameroni fulgens*). Very large crimson flowers. Per pkt., 50c.

Hibiscus Rosa Sinensis (*Grandiflorus coccineus*). Very large, bright scarlet flowers. 50c.

CANNA.

(Crozy's New Varieties.)

Judging by the numerous splendid varieties obtained by Monsieur Crozy, he may be considered the most successful raiser and improver of this magnificent genus. They are distinguished by the luxuriance and diversity of color of their foliage, but above all by the size and brilliancy of hue of their flowers. Per pkt., 25c.

ASTER, TRIUMPH (Pæony-flow-ered Tom Thumb) Dark Scarlet and White (Benary.)

This is undoubtedly the most beautiful and perfect of all dwarf Asters, forming an entirely new class, 7 to 8 inches high. The flowers bend a little on account of their weight; giving the plant a very graceful appearance. Each plant forms an elegant bouquet of itself. The individual flowers measure from $2\frac{1}{2}$ to 3 inches across, and are of the most faultless Pæony-form, all petals being beautifully incurved. The color is a peculiarly rich and brilliant scarlet. Per pkt., 25c.

COSMOS HYBRIDUS.

A new and showy race of annuals from Texas, of rapid growth. Flowers resemble the single Dahlia and are white flesh color, pink and deep rose, with a bright yellow center. Flowers are in great profusion; fine for bouquets. In flower from July till December. Per pkt., 15c.

COX'S PRIZE GLOXINIAS.

This strain embraces the greatest possible variety of form and coloring, and includes rich shades of crimson, blue and white selfs, together with a variety of parti-colored flowers, elegantly mottled and striped. Per pkt., 50c.

Bellis perennis fl. pl. Snowball.

Beautiful white variety of the large flowered and long stemmed Daisy, with extremely double flowers, which will be of great value for cutting. It reproduces itself almost true from seed. Per pkt., 50c.

LOBELIA LITTORALIS.

Very pretty species of trailing habit, covering with small, almost round, toothed leaves, splendid for hanging baskets. Pure white flowers appearing in large numbers out of thick foliage, followed by berrylike seed-pods of a bright red. Per pkt., 50c.

LOBELIA PRIMA-DONNA.

A charming novelty. In habit it is very dwarf and compact, with rich, velvety, crimson-maroon flowers, equal in size to those of *Lobelia Speciosa*, thickly studied all over the plant, which gives it an effect that is both beautiful and unique. Per pkt., 25c.

PAPAVER LÆVIGATUM.

New and very showy annual Poppy from Persia, about two to two and one-half feet high, with fine shaped, large flowers, four inches in diameter, of a brilliant deep scarlet with black spots, surrounded with a white margin at the base of each petal. The flowers being of long keeping (even in a cut state they keep for several days), the plants are continually in full bloom. The two outside petals of the flowers are of double the size of the inside ones, so that each couple form a round cup by themselves. Very free-flowering and extremely showy. Per pkt., 50c.

NEW AND RARE TREE AND SHRUB SEEDS.

Desirable for Florists and Nurserymen. Package, 50 Cents Each.

- Abutilon monstrosum*, large light flower, light yellow, red veins.
- Abutilon brilliantissimum*, metallic yellow and red.
- Anthoeris picta*, broad, skeleton leaf, evergreen, large white flowers, very desirable shrub.
- Adenocarpus frankenoides*, handsome pot or garden plant, compact pyramid shaped, yellow flowers, fragrant.
- Bignonia mirabilis*, } Two rapid growing climbers, very floriferous flowers, yellow.
- “ *Thunbergianum*, }
- Bauhinia tomentosa*, a pretty evergreen shrub, yellowish white flowers.
- Benthamia fragifera*, Strawberry tree, very decorative.
- Blocama pendula*, new shrub, graceful, willow-like, very ornamental.
- Buddlea globosa*, pretty shrub, orange red flowers in racemes.
- Buddlea Lindleyana*, purple flowers in racemes.
- Bussario spinosa*, an evergreen shrub formerly cultivated in California, fragrant white flowers.
- Brachichiton populeum*, Bottle Tree, an excellent ornamental tree, evergreen.
- Cuphea strigulosa*, } Constant blooming
- “ *Timapani*, } evergreen, flowering shrubs.
- “ *grandiflorum superbum*, }
- “ *platycentra*, }
- Cyperus papyrus*, Egyptian paper plant, very decorative.
- Chorizema ilicifolium*, handsome evergreen flowering shrub.
- Caesalpinia pulcherrima*, beautiful flowering shrub, orange red flowers with richly colored long stamens.
- Aralia papyrifera*, decorative plant.
- Cytisus palmensis*, evergreen, weeping branches, flowers of Hyacinth fragrance, white.
- Cyperus natalensis*, a very graceful water plant, also fine for baskets.
- Cajanus indicus*, very floriferous shrub, richly colored butterfly flowers.
- Cassia Barclayana*.
- “ *Braziliana*.
- Cassia fistula*, } Fast growing shrubs or trees,
- “ *floribunda*, } constantly in bloom, evergreen.
- “ *minosal folia*, }
- “ *sophora*, }
- Celtis, asperifolia*, honey berries, black eatable fruit.
- Cladrastis tinctoria*, shrub, yellowish green foliage, flowers white, very desirable.
- Coronilla glauca*, } Well known evergreen, flowering
- “ *vinimalis*, } shrub.
- Crotalaria arborecens*, } Shrubs or trees, with golden
- “ *laburnifolia*, } yellow and red flowers.
- Cytisus albus præcox*, } Evergreen shrubs, early flowering
- “ *candicans*, } white.
- Canarina campanula*, a beautiful climber, flowers large, yellow with red stripes.
- Cryptostegia madagascariensis*, new Jassamine from Madagascar, flowers purplish red, very fragrant.
- Carica papaya*, a magnificent decorative plant.
- Callitris, quadrivalvis*, a coniferous shrub or tree, producing the gum Sandarak of commerce, quite ornamental.
- Casuarina quadrivalvis*, a robust growing and ornamental evergreen, coniferous, shrub or tree.
- Cryptomeria elegans*, } Elegant evergreen ornamental
- “ *Japonica*, } tree.
- “ *Lobbsii*, }
- Cupressus Brazilensis*, } Handsome and most desirable
- “ *Tourneforti*, } species of cypress trees.
- “ *torulosa*, }
- Cedronella canariensis*, a beautiful flowering shrub, lemon scented foliage, rose-colored flowers.
- Cistus canariensis*, a very floriferous flowering shrub, flowers large and very showy.
- Dolichos lignosus*, rapid growing climber, with fragrant rose-colored flowers.
- Dasyliiron serratifolium*, } Highly esteemed decorative
- “ *Bigelowii*, } plants.
- “ *Parryii*, }
- Datura arborea* (*Brugmansia floribunda*), fast-growing tree, large, bell-shaped, fragrant white flowers.
- Erica*, all the finest cape species mixed.
- Embothrium coccineum*, a very handsome shrub, bearing bright scarlet flowers in racemes.
- Fabricia levigata*, a neat little shrub, seagreen foliage, white star-shaped flowers.
- Globularia salicina*, a beautiful shrub, producing globe-shaped blue and white flowers.
- Habrothamnus aurantiacus*, orange red flowers in great profusion.
- Hakea eucalyptoides*, a magnificent ornamental shrub, yellow-white flowers.
- Heimia grandiflora*, handsome myrtle-like shrub.
- Hibiscus mutabilis*, } Most desirable flowering
- “ *Resvesii*, } shrubs, flowers very
- “ *Macrophyllum*, } conspicuous.
- Jochroma coccinea*, evergreen shrub producing bright scarlet flowers in great abundance.
- Cytisus*, golden yellow flowers, evergreen, fragrant.
- Duranta elegans*, beautiful climber, producing large flowers of a lavender color.
- Inga pulcherrima*, a magnificent shrub, large pendulous, flowers rose colored, long purplish red stamens, very ornamental.
- Ipomoea learii*, } Beautiful climbers producing
- “ *rubro cœrulea*, } their elegantly colored flow-
- “ *scarlatina*, } in great abundance.
- Jatropha glauca*, a beautiful decorative plant, very handsome foliage.
- Melaleuca acuminata*, }
- “ *pendula*, } Most graceful, evergreen, orna-
- “ *ericifolia*, } mental shrubs of great beauty.
- “ *scoparia*, }
- “ *viridiflora*, }
- Metrosideros elegans*, }
- “ *lanceolata*, } Bottle Brush shrub with
- “ *linearis*, } very conspicuous flow-
- “ *robusta*, } ers, evergreen.
- “ *sempervirens*, }
- “ *tomentosum*, }
- Melia compacta* (*floribunda*), paradise flower, flowers like orange blossoms, very fragrant.
- Rhodo chiton volubile*, purplish red flowers, a most elegant new climber.
- Rhamnus integrifolius*, a beautiful white flowering evergreen shrub.
- Rhodocistus Berthelotianus*, a beautiful shrub bearing flowers like roses.
- Rogiera cordata*, evergreen shrub, very ornamental, rosy red flowers, fragrant.
- Swainsonia alba*, } Well known desirable evergreen
- “ *Asborni*, } flowering shrubs.
- Templetonia retusa*, evergreen shrub, very conspicuous dark-red flowers.
- Turnera elegans*, ornamental flowering shrub, blooms the first year, variegated flowers of three colors.

Tacsonia ignea, fiery red flowers in the style of passion vine flowers.

Umbilicus canariensis, umbrella-shaped foliage, ornamental climber.

Pinus canariensis, a very ornamental pine, fast-growing. *Physalis aristata*, ornamental shrub, producing highly colored fruits (Winter cherry).

Hardenbergia alba, a fast growing woody climber, with numerous pea-shaped white flowers.

ACACIA, (Molissima Florabunda).

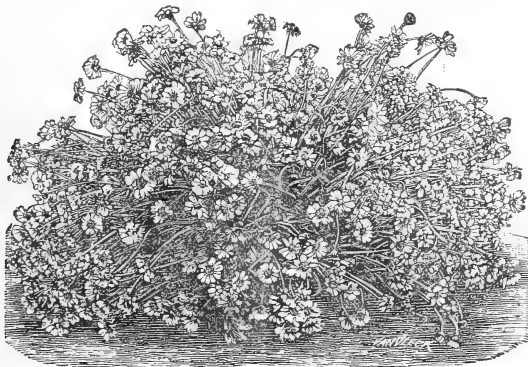
The finest of all the Acacia family; no tree in existence is more charming than this new Acacia with its graceful branches, drooping with thousands of great panicles of fragrant golden flowers, so thickly massed that the feathery leaves can hardly be seen. This variety blooms abundantly the third season from seed, and will endure about ten degrees more freezing than the common Acacia molissima. Packet of 100 seeds, 50c.; per oz., \$5.

Lathyrus splendens. Pride of California, is a truly magnificent everlasting pea. It is the loveliest vine in the whole west; flowers in graceful and brilliant clusters of a deep rosy red blossoms. Dr. Parry describes it as the handsomest flower in all California. Per packet, 50c.

Delphinium cardinale. A true scarlet Larkspur, growing 6 to 10 feet high and produces its bright scarlet and showy flowers in great abundance. Per packet, 25 cts.

RHODANTHE, DOUBLE WHITE.

This new pure white double variety being by far the most lovely of the genus, it will prove a very valuable plant for the pots as well as a first-class everlasting flower for bouquets and other decorative work. Per packet, 50c.



PYRETHRUM CINERARIAE FOLIUM.

The celebrated California insect-destroying plant from the flowers from which the Buhaich insect powder is made. Pkt., 25c.

SUNFLOWER.

Primrose-colored. *New.* One of the most striking and curious Sunflowers ever produced; very handsome; height, 6 to 8 feet. Pkt., 25c.

Zea Gracilima Variegata.

New. A great improvement on the Japanese striped maize; leaves broadly striped white. One of the best variegated plants for screens, or as lawn specimens; height, 6 to 8 feet. Pkt., 25c.

TROPAEOLUM LOBBI ASA GRAY.

The highest color yet obtained in the genus *Tropaeolum* is offered by the flowers of this new variety. They are of the softest sulphur yellow, a shade much exceeding in delicacy that of the Tom Thumb *Nasturtium Pearl*. Per pkt., 50c.

ZINNIA ELEGANS TOM THUMB (Biary.)

An elegant new dwarf variety; they form charming, compact, free flowering, pigmy bushes, the blooms of which resemble those of the Pompon Zinnias. It is hardly necessary to say that they are especially suited for edgings, small beds, and groups; that they also constitute exceedingly pretty objects when grown in pots. Per pkt., 50c.

Zinnia Elegans Robusta Grandiflora Plenissima.

The beautiful form and rich character of the flower as contrasted with other double zinnias is well known. It forms a splendid bush about three feet high, covered with enormous flowers, and the effect of such a plant may be more easily imagined than described. Eight beautiful varieties mixed. Per pkt., 25c.

Cereus giganteus. The Giant Cactus of Arizona growing 20 to 30 feet high, bearing handsome flowers and edible fruit. The seed is offered for the first time in this country. Per pkt., 50c.

Lobelia splendens. The brightest scarlet Lobelia known. Per pkt., 25c.

Trichostema lanatum. A shrubby rosemary like plant, 2 to 3 feet high, producing long spikes of deep purple flowers. Per pkt., 25c.

POPPY.

The Queen. *New.* Peony-flowered. The most charming and stately Poppy; the flowers are extremely large (18 inches in circumference) with deeply fringed petals, white-edged, crimson-scarlet; height three feet; comes very true from seed. Per packet, 15c.

Japanese Pompon. Charming dwarf poppies of the richest colors, single and double, mixed. Per packet, 15c.

RICINUS.

Rural Bronze. The best bronze-leaved *Ricinus*. Leaves are of the richest glossy bronze color; height, five feet. Per packet, 25c.

WILD FLOWER GARDEN.**CHOICE MIXED FLOWER SEEDS.**

A mixture of over one hundred beautiful easy growing, hardy flowers, producing a constant and varied bloom the entire season; the different seasons of bloom insuring something new almost every day. Gentlemen who have extensive drives upon their premises; can make them still more attractive by planting patches along each side, thereby giving them a fine display of flowers during the entire season at a very moderate cost. They are also particularly adapted for the cemetery, or for the ornamentation of public parks, church yards, shrubberies, woodland walks, natural rockeries, railway embankments, &c. Also for sowing alongside of fences and on untidy, bare spots of ground, which are so frequently found about almost every place in the country, which, if properly cared for and kept free from weeds, will produce more flowers during a season than are found in many of the best cultivated gardens. The great demand for our "wild flower garden mixture" the past season, has induced us to add many new and beautiful varieties to the mixture. Price per large packet, 10 cts.; oz., 20 cts., $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00 postpaid.

Sealed Collections of Carnation and Picotee Seeds.

These collections include the finest varieties only. They are sold in sealed packets and cannot be broken or altered.

COLLECTION No. 1.**Yellow Flake Carnations.**

Containing 12 Superb Varieties, 10 Seeds of each.

Orange ground, broad red flake.
Orange ground, crimson flake.
Buff ground, red flake.
Yellow ground, maroon flake.
Yellow ground, scarlet flake.
Orange ground, violet flake.
Salmon ground, velvety maroon flake.
Buff ground, carmine flake.
Salmon ground, purple flake.
Nankeen ground, lilac flake.
Lemon ground, vermilion flake.
Yellow ground, rose flake.

—\$1.50 per collection.

COLLECTION No. 2.**Perpetual Flake Carnations.**

Contains 12 Superb Varieties, 10 Seeds of each.

Blush ground, rose flake.
Carmine ground, slate flake.
Pink ground, carmine flake.
Lavender ground, scarlet flake.
White ground, slate flake.
White ground, rose flake.
Flame ground, maroon flake.
White ground, carmine flake.
Pink ground, crimson flake.
Strawberry ground, maroon flake.
White ground, scarlet flake.
White ground, pink flake.

—\$1.50 per collection.

COLLECTION No. 3.**Perpetual Picotees.**

Contains 12 Superb Varieties, 10 Seeds of each.

White ground, rich carmine edge.
White ground, broad purple edge.
White ground, chocolate edge.
White ground, broad rose edge.
White ground, purple edge.
White ground, carmine edge.
White ground, lilac edge.
White ground, broad crimson edge.
White ground, maroon edge.
White ground, scarlet edge.
White ground, narrow carmine edge.
White ground, broad maroon edge.

—\$1.50 per collection.

COLLECTION No. 4.**Yellow Picotees.**

Contains 12 Superb Varieties, 10 Seeds of each.

Orange ground, scarlet edge.
Yellow ground, broad chocolate edge.
Yellow ground, rose edge.
Sulphur ground, carmine edge.
Yellow ground, crimson edge.
Sulphur ground, purple edge.
Lemon ground, broad crimson edge.
Yellow ground, lavender edge.
Yellow ground, scarlet edge.
Yellow ground, maroon edge.
Buff ground, red edge.
Yellow ground, pink edge.

\$1.50 per collection.

COLLECTION No. 5.**Fancy Carnations.**

Contains 12 Superb Varieties, 10 Seeds of each.

Carmine, shaded maroon.
Rose and lavender.
Pink, spotted carmine.
Flash, spotted vermilion.
Cerise, shaded lavender.
Carmine and slate.
White, tipped lilac.
Brick, mottled vermilion.
Fancy Pink.
Maroon, white center.
Flesh, mottled crimson.
Rose, Shaded vermilion.

—\$1.50 per collection.

Sealed Collections of Pelargonium Seed,**FROM SEEDINGS OF EXQUISITE BEAUTY.**

These collections include the finest varieties. They are sold in sealed packets only, and cannot be broken or altered.

COLLECTION A, containing 12 splendid varieties of Large-Flowered or Show Pelargoniums, viz;

Alice.
Comet.
Desdemona.
Evelyn.
Florence.
Lord Clyde.
Margaret.
Monarch.
Nero.
Rayon d'Or.
Sunbeam.
Toby.

Ten seeds of each variety, \$1.50 per collection.

COLLECTION B, containing 12 splendid varieties of Spotted Pelargoniums, viz;

Charles Outram.
Beauty of Nica.
Lady Blanche.
Marie Lemoine.
Mesmerus.
Mrs. Bradshaw.
Nellie.
Roseta.
Rosy Morn.
Veledia.
Vivandiere.
Zenobia.

Ten seeds of each variety, \$1.50 per collection.

COLLECTION C, containing 12 splendid varieties of Fancy Pelargoniums, viz;

Acme.
Cherry Ripe.
Excelsior.
Formosa.
Jewess.
Leotard.
Lord of the Isles.
Lovely Lucy.
Marmion.
Mirella.
Black Douglas.
Zoe.

Ten seeds of each variety, \$1.50 per collection.

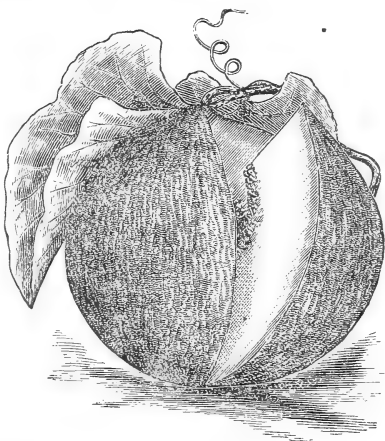
COX'S NOVELTIES

AND

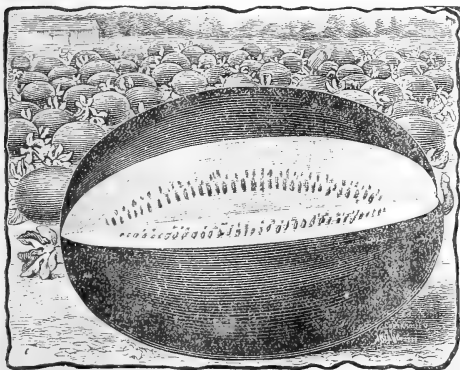
Choice Strains of Vegetable Seeds.

BIDWELL CASABA MELON.

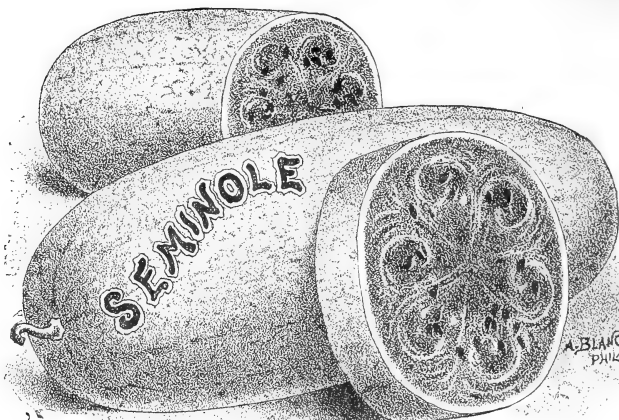
The seeds of this Melon was distributed several years ago by us. It has now become very popular on this coast. Originated in Asia, introduced and first cultivated by Gen. Bidwell. Should not be confounded with the Casaba Melon of the Eastern States, being entirely distinct from every other variety. It is a large round, succulent melon, weighs from 10 to 20 lbs. with a coarse heavily ribbed rind, of a dull green color when ripe. The seeds are distinct from every other variety, being irregular and much larger. The flesh is light green and very thick, juicy, sweet and delicious. It is a late variety and keeps well, has been kept in good condition till after Christmas. Our engraving shows the shape and general appearance. The seed is again scarce this season and we can only offer it in packets at 25 cents each.



GREEN AND GOLD WATERMELON.



It is the largest early variety in cultivation, and its productiveness is equal to any of the red-fleshed sorts, while in delicious flavor it surpasses them all. The rind is the thinnest of any melon we have ever seen, the white being only from $\frac{3}{8}$ to $\frac{1}{2}$ inch in thickness. The flesh is a beautiful golden-orange color, free from any tinge of white or other color, even immediately around the seeds. The flesh is beautifully granular in appearance, juicy and sweet, and, as we have already stated of unequalled flavor. Per pkt., 10c.; oz., 25c.; lb., \$2.00.



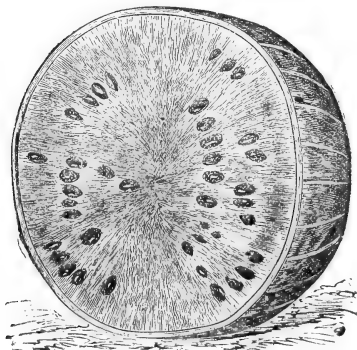
NEW MELON "SEMINOLE,"

Of which the above is a fair representation, is oblong in shape, smooth and beautifully proportioned; it is of two colors—gray and light green; the latter seems to be just a darker coloring of the former, the gray color greatly predominating. Melons of both colors are found on the same vine, and both are exactly the same in shape, uniform size, color of seed and flavor.

This new melon possesses four qualities which will make it the most popular melon ever offered to the public. It is **extra early, extra large, enormously productive and of most delicious flavor.** It is in all respects a perfect melon, and its beautiful shape and fine appearance, combined with its luscious and sagary flesh, are bound to win for it popular favor. Specially recommended. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

T. M. PULESTON writes: I have never before seen so large a melon of such delicious flavor as your "Seminole."

J. S. DENHAM, Mayor of Monticello, Fla., writes: Have never tasted a finer melon than your "Seminole."



VOLGA WATER MELON.

A Russian Melon of excellent quality, perfectly globular in shape, very productive, attaining an average weight of fifteen pounds. For private use it should be grown largely, as it is of fine flavor and attractive appearance. The seeds are very small and few in number. Pkt., 15c.; 2 for 25c.; oz., 50c.

Florida Favorite Watermelon.

The Florida Favorite, in shape, is oblong; coloring of rind, dark and light green stripes alternating; flesh bright crimson, very crisp and deliciously sweet; seed rather small; ripens ten days earlier than Kolb Gem or Mammoth Iron Clad. Price, pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Hungarian Honey Watermelon.

This new variety, recently imported from Hungary, is a decided novelty. They grow to weigh ten or twelve pounds each, of perfect globe shape; the skin is a dark green color. The flesh is very rich, sweet and luscious, surpassing all other foreign watermelons we have ever grown. It is also extremely hardy and vigorous in growth. Price, pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$3.00.

MILLER'S CREAM NUTMEG MUSK MELON.

This splendid melon was thoroughly tested the past season by many of the best market gardeners and melon growers, and is pronounced by all, one of the very best they have ever grown. The flesh is of a rich salmon color, very thick, sweet and melting in quality. The rind is very thin, slightly sutured and finely netted. They average about the size of the Golden Gem, but of handsomer shape and appearance. They retain their bright, fresh appearance, and remain solid several days after being pulled. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Banana Melon.

This new melon is a variety of the yellow-fleshed muskmelon, entirely free from netting. The skin is of a delicate straw color, the flesh is quite thick and blends from bright green to a rich salmon in color, making a fine and striking contrast. It grows to enormous length of from two to three feet, the form and general appearance of the specimens being well shown in the engraving. It is early, prolific, quality equal to the common muskmelon, and has a powerful and delicious fragrance. When ripe it reminds one of an overgrown banana. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Colorado Preserving Melon.

This is quite distinct from the ordinary preserving citron, the seeds being of a light green color. It is immensely productive; one vine produced twenty-five fine melons, weighing from fifteen to forty pounds each. The flesh is very firm and solid, with few seeds. The preserving qualities are the very finest; it makes beautiful, clear, nearly transparent preserves, of surprisingly fine flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



Cucumber—New Giant Pera.

NEW GIANT PERA.

Recommended as being the largest Long Green Cucumber in cultivation. Skin perfectly free from spines, flesh clear, crisp and white. Pkt., 10c.



Beet, ornamental foliage.

Philadelphia White "Box" Radish

This variety now offered for the first time, is much superior and entirely new and distinct from any early white turnip radish heretofore offered by the trade. Its points of superiority are, remarkably short top, rapid growth, perfect turnip shape, extra fine quality, and showing no disposition whatever to become pithy with age, but, on the contrary, remains solid and juicy long after fully grown. Per lb., \$2.00; per oz., 20c.; pkt., 10c.

Red Mikado Tomato.

We consider this one of the finest Tomatoes ever sent out. It is of very large size and fine flavored; for slicing

Oemler's Triumph Watermelon.

This new Russian melon is very early and very productive; in shape, a short oval, weighing about fifteen pounds. It is a dark mottled green in color; that of the flesh, a dark red, edged with orange yellow. It is very sweet. The seeds are remarkably small in size. Per pkt., 10c.; oz., 25c.

EMERALD GEM MUSK MELON.

This most excellent new musk melon originated in Michigan. It is of superior flavor and quality; the outside skin is an emerald green color and quite smooth; they ripen early and produce well, being about the size of our Golden Gem; the flesh is light red or salmon, very thick, juicy and crystalline, and luscious in flavor. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 90c.

MUSK MELON—Baltimore.

We recommend it as the best medium-sized, netted, green-fleshed sort for market or private gardens. Whenever a gardener planted this variety last season he soon had control of the market, as the fruit was uniformly good. Per pkt., 5c.; oz., 10c.; 2 oz., 15c.; $\frac{1}{2}$ lb., 25c.; lb., \$1.00.

BRAZILIAN BEET.

A most effective foliage plant, its leaves producing a wealth of tropical beauty, not attained in any other flower, surpassing the Coleus in its infinite and impressive coloring, excelling the Canna and Caladium in its massive grandeur. Its metallic, lustrous and glistening leaves equal any of the most expensive exotics and conservatory plants. This variety is a native of Chili, from the foot of the Andes. Its leaves are over three feet in length and one foot in width, having a glistening, varnish-like surface, not equalled in any other ornamental plant, while the intense scarlet midrib is surrounded on each side with the most exquisite shading and variegation. Some of the coloring and shading seem as if floated on and then reflecting with the most lovely silver sheen. This plant should be in every garden or yard. It is beautiful in pots. It is used as the most effective decorative plants in some of the most elaborate ball room decorations in New York City. If a line is required for a ribbon or border, the best plan is to sow there, and to thin out the plants to equal distances. For ease of culture and startling effect, they are not equaled by any other plant. Pkt., 10c.

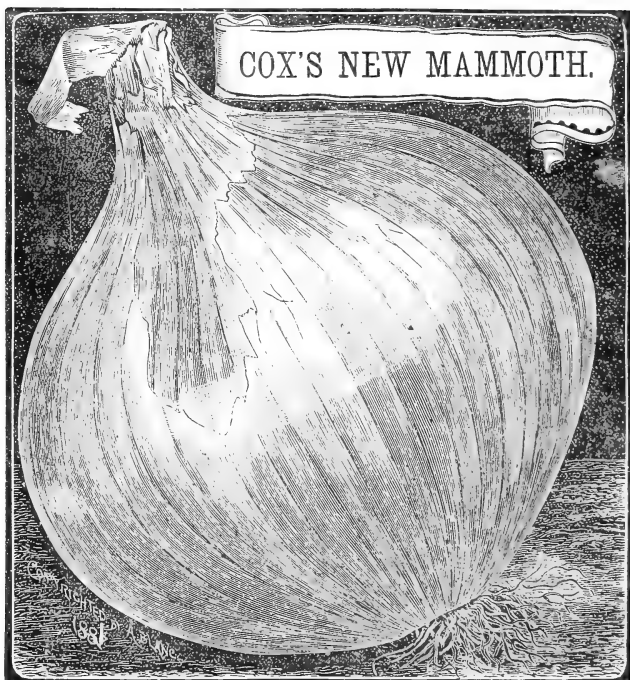
it will be found excellent, as it has few seeds and is very solid. The tomatoes are borne in clusters of four to seven, ripen evenly, and remain firm when fully ripe. Of a bright red color, free from purple tinge. Pkt. 10c.; oz., 40c.; lb., \$4.

EGG PLANT.

(BLACK PEKIN.)

The fruit of this handsome variety is jet black, round in form and very solid; it is quite early and a very superior variety. Pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.50; lb., \$4.50.

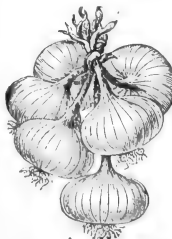
ONION.



The Largest Onion in cultivation, attains an enormous size in one season from seed. Skin a light reddish brown, very attractive appearance, is of fine flavor and one of the best keeping varieties. Originally from Spain. A few crates of the Onions were imported, arriving here in fine condition and attracted attention everywhere and found ready sale at high prices. Especially recommended for exhibition at Fairs. We have grown a quantity of the seed, which we offer in sealed packets at 15 cents per packet.

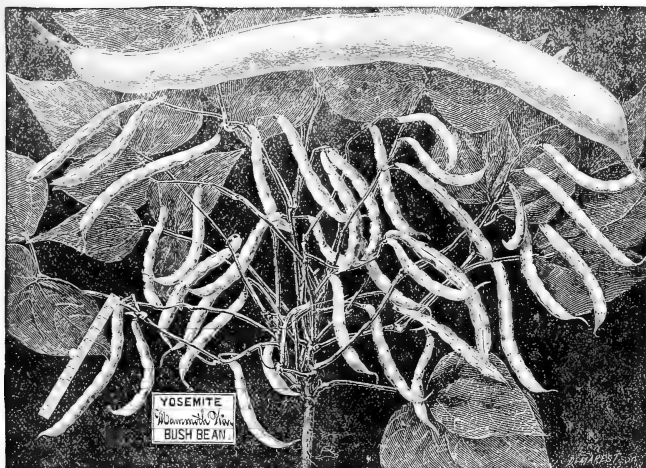
Mammoth Sandwich Island Salsify.

An entirely distinct variety of this vegetable. It is only within the past few years that the oyster plant has gained any prominence in our markets and very little attention has been paid to its cultivation. In all respects it far surpasses the old variety, and since its introduction last season, has become most popular. It is considered very nutritious and wholesome when properly cooked, the roots being mashed or made into fritters, it is almost impossible to distinguish them from the oyster fritters, which are so highly prized by our American people. Indeed, they are more delicious in taste, and much preferred by the large majority of those who have tried them. No garden should be without this valuable vegetable. Of easy cultivation, it will amply repay you for labor and outlay. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.



WHITE BARLETTA ONION.

Introduced last season. This variety is most distinct on account of its great earliness; it is three weeks in advance of the White Queen. It is of a beautiful waxy white color and grows $1\frac{1}{4}$ inches in diameter and $\frac{3}{4}$ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for onion sets and it is without a rival for pickles. *Per pkt. 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.



YOSEMITE WAX BUSH BEAN.

Second only in value and distinctiveness to the **Bush Lima** is this wonderful wax variety. It is the forerunner of a race of giants among beans, and is universally conceded to be the novelty of the season. The cut is a faithful copy of a photographed specimen, but conveys no idea of its great size and handsome, waxy appearance. The pods are *nearly all solid pulp*, and are absolutely stringless, cooking tender and delicious. The monster pods average eight to ten inches in length, and are the thickness of a man's finger, and are a rich golden color, making a most handsome appearance either on the plant or on the table.

The **Yosemite** combines size, productiveness and exquisite quality in one variety, and is the nearest approach to perfection that nature has yet given us in Bush Wax Beans. Price per packet 15c.

NEW SWEET CORN "GOLD COIN"

LIVINGSTON'S Sons, the famous tomato growers, say: "The New Livingston's **"GOLD COIN" SWEET CORN** is remarkably distinct and handsome in appearance, and is without doubt the most valuable variety ever introduced. Its enormous productiveness is enough to place it in advance of any sort now grown—always yielding two, and frequently three ears to the stalk. In quality it is most delicious and has no equal, being of a rich golden yellow and so showy as to attract much attention wherever seen. It has for the past three years been compared in all points with Stowell's Evergreen, and in SWEETNESS and DELICACY of flavor it surpasses that old favorite. It is about ten days earlier, and in size equal or larger. The cob is snowy white, compactly covered with large, deep grains. Perhaps its most valuable characteristic lies in the fact that it is **EVERGREEN** to an unprecedented degree. Last season the great bulk of the crop could have been gathered any time during a period of four weeks and have been found in perfect condition for table use. It is sure to be of great value to gardeners and canners. We commend it to all lovers of Sweet Corn, as a variety which will please the most critical." Price, per pkt., 10c.; oz., 30c.; 3 for 50c.; 7 for \$1.00; 12 for \$1.75.

LETTUCE—Buttercup.

In this new foreign sort, the leaves are of a beautiful yellow color, making the plant very distinct and attractive. In addition to its beauty, it is of the best quality, and although a good forcing sort, still it stands the sun well, and is in useable condition longer than most varieties. Price, per pkt., 10c.; oz., 30c.; 2 oz., 55c.; $\frac{1}{4}$ lb., \$1; 1 lb., \$3.

NEW CELESTIAL PEPPER.

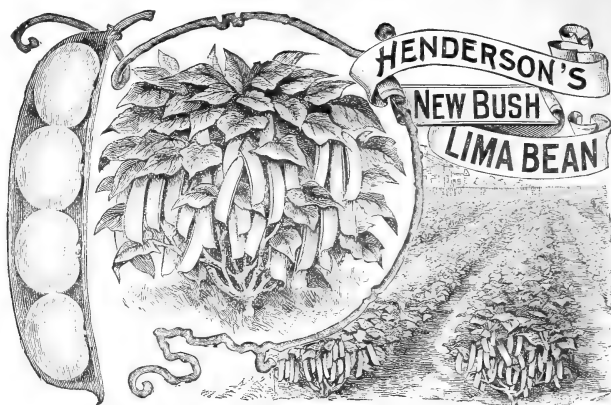
A rare novelty from China. It is not only a most useful Pepper, but one of the most beautiful plants in existence. The plant begins to set in peppers early in the season and continues until frost, branching freely, and bearing profusely. The Peppers, up to the time they are full grown, are of a delicate, creamy-yellow color, and when fully grown, change to an intense vivid scarlet. Pkt., 15c.

GREGORY'S "ALL SEASONS" CABBAGE.

Mr. Gregory says of this fine new Large Drumhead variety, that it is as early as Early Summer, and from a third to half as large again. Many of the early varieties are good only as early cabbage, but "All Seasons" is equally as good for a fall or winter cabbage when planted in July. Price, postpaid, pkt.; 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1; 1 lb., \$3.50.

WHITE VELVET OKRA.

Quite distinct from any other variety, the pods being round and smooth, while in the old sort they are ridged or square edged. It is the most tender and the finest flavored of any variety grown, the pods being very soft and velvety to the touch and are of a creamy white color. They grow to a larger size than any other okra, are never prickly to the touch and are produced in the greatest abundance. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.



Copyright, 1883, By Peter Henderson. & Co.

HENDERSON'S NEW BUSH LIMA BEANS.

This is undoubtedly the most valuable vegetable novelty that has been introduced in many years. Thousands have been deterred from cultivating the most delicious of vegetables—the Lima Bean—from the great trouble and expense of procuring the unsightly poles on which to grow them. This is now a thing of the past, as **The New Bush Lima** grows without the aid of stakes or poles, in compact bush form, from 15 to 18 inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush beans. **The New Bush Lima** is at least **two weeks earlier** than any of the

climbing limas. This fact alone would stamp it as the most valued novelty of recent years, but when in addition to this we realize that it is a true bush bean, requiring no supports, some idea of its great value can be realized.

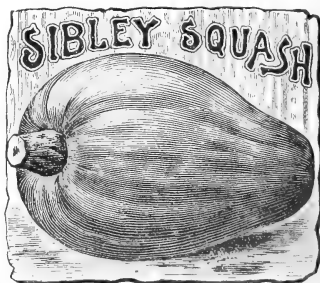
The New Bush Lima produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of New York by the middle of July) until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable throughout the season. Twelve packets will plant five rows, each fifty feet long, which is ample for an ordinary family. Pkt.; 15c.



True Bermuda Onion Seed.

RED.—Of immense size and most beautiful form, skin thin and of a rich blood-red color, flesh white, fine grained, mild and pleasant. The first season from seed it will grow an onion from one to one and a half pounds; but to attain the full size the bulbs should be set the following spring. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1; lb., \$3, postpaid.

WHITE.—Similar in shape and size to the red, with fine white skin and flesh. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1; lb., \$3, postpaid.



The Sibley, or "Pike's Peak" Squash

This new Squash originated in Iowa, and is of a decidedly distinct shape, as will be observed in the illustration given. Its size is medium—just right for marketing. This quality, combined with fine grain, exquisite flavor, and wonderful productiveness, will make it a favorite with every gardener. The flesh is solid, thick and rich colored. The shell is hard and flinty, making it a good shipper. Our seed is grown by the originator in Iowa, and is therefore headquarters stock. Price, per pkt., 10c.



New Japanese Buckwheat.

A glance at our illustration will show that the kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernels is also most distinct, being a rich, dark shade of brown. The straw is heavier, its branches more and does not need to be sown as thickly as the other kinds. Flour made from it is equal in quality, if not superior, to that of any other buckwheat, and, as the yield shows, it is enormously prolific. It ripens a week

earlier than the Silver Hull, and yields two or three times as much. We may mention that from one grain planted in a garden, 850 ripe kernels were obtained. Pkt., 10c.; lb., 25c.



VEGETABLE MARROW.

A favorite English vegetable; skin greenish yellow, flesh white, soft, and of a rich flavor. It is as easily grown as a squash, and many consider it of finer flavor. Cooked in the same manner as squash. Per pkt., 10c.; oz., 20c.; lb., \$2.50.

GLADIOLUS

* * BURBANKS' NEW CALIFORNIA STRAIN. * *

The new California strain have extremely bold flowers—often five inches across a single bloom—of great substance, clustered on stiff, compact, low growing spikes, and will endure the fiercest sun and wind for days without injury.

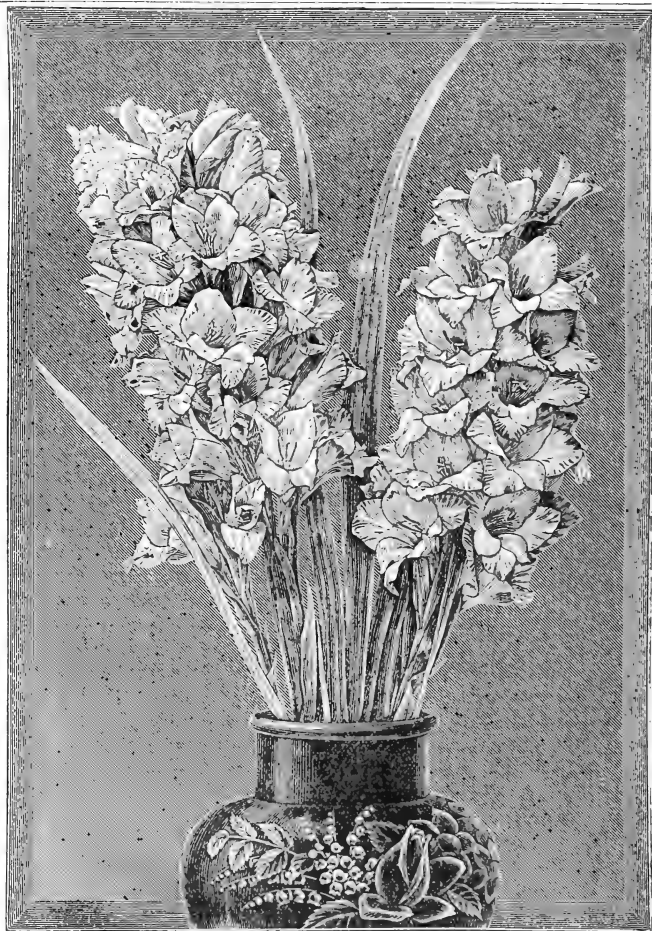
In producing this new strain a million or more of seedlings have been raised and a careful selection carried on for twelve years.

Extracts from the Press.

Mr. Burbank in the Gladiolus has had marked success, obtaining an entire new strain of what we may call giant dwarfs. They should be called the Little Giant strain. These new ones are on stiff, strong stems two and a half to three and a half feet high—old forms more than a foot taller, with weak stems. The flowers are very large. In this I determined to be exact, so made careful measurements, and found flowers five and one-eighth inches in expanse of petals, while the largest bloom of the old sorts I could find in Santa Rosa and Petaluma gardens measured only two and three-quarter inches. The petals of the old sorts are thin and will not withstand California's bright sun for any length of time. The new Burbank strain have thick, stiff, nearly fleshy petals and endure two to three days. The strain has all the usual fine colors and markings, with many entirely new and fine combinations.—D. B. Weir in Pacific Rural Press.

Mr. Burbank has doubles of the largest size, perfect in color and markings. He has strains of nearly all colors of the largest of flowers, so closely ranked that the flowers seem to be ranked in four rows on the stem, and best of all, flowers to the tips of the canes, so close together as to give the extremity of the flower stem a perfect cone of flowers, the petals entirely hiding the stem on all sides. The individual flowers are simply immense in size, we found numerous ones of many varieties five and one-half inches from tip to tip of petals, with colors of every kind and markings known to the species.—*American Florist*, Chicago, November 15th.

Santa Rosa. One of the best of the new dwarfs, particularly attractive flower; dark flesh pink with a salmon sheen, streaked purplish crimson and sometimes with black; edges of petals charmingly tipped white. Multiplies rapidly. Strong blooming bulbs each, \$2; (bulblets each, 25 cts.; per dozen, \$2.; per 100, \$15.)



Gladioli California.

California. The flowers of this remarkable freak are closely packed all around the spike like a hyacinth and are often double, having from ten to sixteen petals each; light cherry rose, striped lilac crimson. A single bulb produces from three to five enormous spikes, very beautiful and strikingly distinct. Strong blooming bulbs each, \$2.; (bulbets each 25 cents; per dozen, \$2; per 100, \$15.)

Mariposa. Very attractive large open flower of great substance, purest snow white striped and flaked with cherry crimson and sometimes varying from almost pure white to cherry red. Strong blooming bulbs each, \$1; (bulbets, each 20 cts.; per doz., \$1.50; per 100, \$10.)

Shasta. Unequalled for abundance of flowers which are white flaked and shaded carmine rose; flowers closely set on the spike; multiplies with astonishing rapidity. Bulbs each, 50c.; (bulbets per doz. 40c. per 100, \$2.50.)

Modesto. Light crimson, streaked striped and mottled with purplish crimson. Bulbs each, 50 cents; (bulbets per dozen, 40 cents; per 100, \$2.50.)

Mono. Similar to Shasta, but the whole flower has a strong salmon shade. Bulbs each, 50 cents; (bulbets per dozen, 40 cents; per 100, \$2.50.)

Yolo. Pure rich deep crimson. Bulbs each, \$1.00; (bulbets per dozen, \$1; per 100, \$5.)

Pohono. Large flower, light purplish rose; multiplies rapidly. (Bulbs each, 50c.; bulbets per doz., 40c.; per 100, \$2.50.)

Cisco. Clear rose pink, with salmon tint. Bulbs each, 50c.; (bulbets per dozen, 40c.; per 100, \$2.50.)

Igo. Quite dwarf, large open flower, varying from shrimp pink to carmine; blazed and striped amaranth. Bulbs, each, 50c.; bulbets per doz., 40c.; per 100, \$2.50.

The Complete Set of Ten Varieties, One Bulb Each, for \$8.00.

TO OUR PATRONS.

AS usual with our firm, we place before you our ANNUAL DESCRIPTIVE CATALOGUE, and trust it will be a practical and reliable guide to the Florist, Amateur and Market Gardener.

California has justly acquired a high reputation for the fine quality of its Vegetables, Choice Fruits, and its beautiful display of Flowers. Its long seasons are found to mature many kinds of Seeds far better than any section yet tried in the United States. Probably there is no point in the whole country where more attention is paid to the cultivation, and where more Vegetable Seeds are grown, than in the counties of Santa Clara and Alameda, California.

Large Wholesale Dealers of **New York, Philadelphia, Chicago, Detroit and Rochester**, recognizing this fact, now obtain the bulk of their leading varieties of Vegetable and Flower Seeds from the Pacific Coast.

A member of our firm, as usual, visited the trade the past summer, throughout the United States and Canada, and was pleased to note the increased enquiry and demand for California Vegetable and Flower Seeds of every description.

The **critical tests** and **expensive trials** we make, enables us to offer Seeds only of the **purest strains** and **highest vitality**. We have introduced in the past few years many of the finest novelties, and again this year offer many more that can not be obtained elsewhere. Our Seed crops are grown under our personal supervision.

All orders, whether large or small, receive from us the same prompt and careful attention: we fill all in the order of their reception, and, unless greatly rushed, the same day we receive the order. We wish our customers to remember that it is our determination to please all who deal with us, and if mistakes occur, they are wholly unintentional, and will be promptly rectified as soon as we are informed of them. We would like to hear from every package we send out. If the purchaser is satisfied, it is pleasant to know it; if not, we intend to see that he or she becomes so.

This Catalogue is mailed free to all customers of last year, and we will esteem it a favor if our friends will send us the names and addresses of any one interested in agriculture, to whom we may send copies.

Soliciting your esteemed orders, we remain,

Yours truly,

THOS. A. COX & CO.

Nos. 411, 413 & 415 Sansome Street,

SAN FRANCISCO, CAL.

ITEMS OF IMPORTANCE TO PURCHASERS.

OUR TERMS ARE STRICTLY CASH WITH THE ORDER.

Purchasers will please be particular and send a sufficient **Amount** to cover their orders. When only a part of the amount is remitted, goods will be sent only to the amount of the remittance. Should the remittance exceed the amount of the goods sent, the balance will be returned to the purchaser with the goods. We have been compelled to adopt this rule on account of the inconvenience and expense of collecting small balances due from many of our patrons at the close of our business season.

HOW TO ORDER.

Please be *very careful* to always sign your *name, post-office, county and State* on each and every letter sent us. Cash should always accompany the order. Money can be sent safely, either by post-office order, bank draft, express, or small sums by registered letter. On orders over \$1.00 the cost of remitting by any of these methods may be selected in extra Seeds free. We receive *postage stamps*, in small amounts, the same as cash.

WHAT WE GUARANTEE.

That all Seeds sold by us shall prove to be as represented, to this extent, that should they prove otherwise, we will replace them, or send other Seeds to the same value. But we cannot guarantee the crop any further than the above offer, as there are so many causes which operate unfavorably in the germination of Seeds, and maturity of the crop, over which we have no control. Among the causes of failure may be mentioned unfavorable weather, which is one of the most important. The soil may be in proper condition when the Seed is planted, but the weather which follows may be cold and wet, which will cause the Seed to rot; or it may be hot and dry, which destroys the germ before it shows itself. The soil may also be unfavorable for the variety of Seed planted. The Seeds may be and are frequently destroyed by vermin of various kinds. And lastly, changes not unfrequently occur, especially among new hybridized varieties, by which different sorts are produced, which give the planter the idea that his Seeds are badly mixed. Such occurrences are beyond the power of man to prevent, and for which we cannot be responsible.



SEEDS POSTPAID BY MAIL.

In comparing our prices with other Catalogues, please remember that **We PAY the POSTAGE** on all **Vegetable Seeds** (except Beans, Corn and Peas.)



Artichoke.

ARTICHOKE.

German, *Artischoke*. French, *Artichaut*. Spanish, *Alcachofa*.

Large Green Globe. The largest and best for general use. Pkt., 10c.; oz., 40c.; lb., \$3.50.

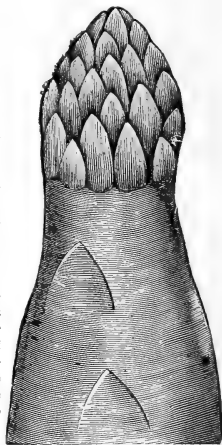
ASPARAGUS.

Ger., *Spargel*. Fr., *Asperge*. Sp., *Esparrago*.

Conover's Colossal.

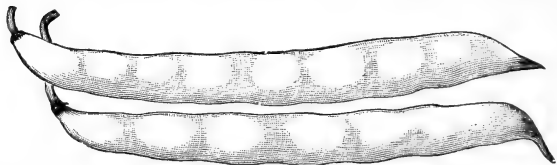
A mammoth sort, frequently sending up fifteen to thirty sprouts from one and a half inches in diameter from a single plant, and spreading less than most sorts. Color deep green; quality good. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; 1 lb. 50c.

Palmetto. An improvement on Conover's, in that it yields a much heavier crop, fully as large and of much more even and regular size. It is fit for use nearly a week before the Conovers. Will be of great value to market gardeners. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 80c.



BEANS, Dwarf or Bush.

We sell packets of all varieties at 10 cents each, and on these we pay the Postage, but if larger quantities are wanted by mail, 8 cents per pound must be added.



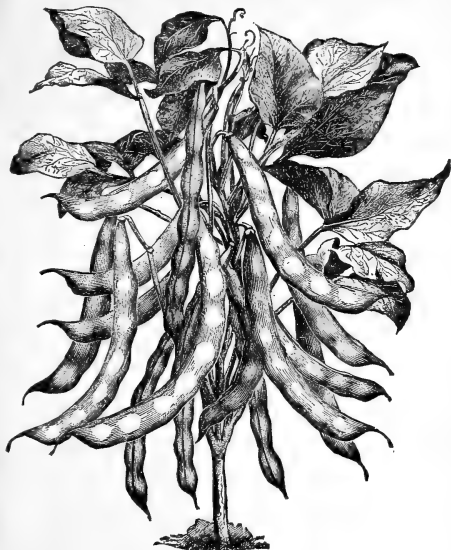
Golden Wax. A novelty among the Bush Beans, strong in growth, attractive in appearance, maturing for table in thirty-five days from germination. Pkt., 10c.; lb., 12 $\frac{1}{2}$ c.; per 100 lbs., \$8.00.

Early Mohawk. Early, productive, and very hardy. Pkt., 10c.; lb., 12 $\frac{1}{2}$ c.; per 100 lbs., \$7.00.

Early Long Yellow Six Weeks. Very early, fine string or shelled. Pkt., 10c.; lb., 12 $\frac{1}{2}$ c.; per 100 lbs., \$7.00.

Early Round Yellow Six Weeks. Early and very productive. Pkt., 10c.; lb., 12 $\frac{1}{2}$ c.; per 100 lbs., \$7.00.

"We have the finest garden here. Everyone wants to know where we got our Seeds. Send a number of your Catalogues." Wm. HARPST, Los Angeles, Cal.



Improved Early Red Valentine.

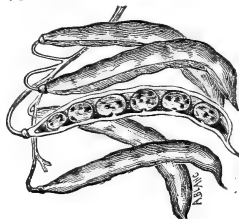
Improved Early Red Valentine. Ten days earlier than the ordinary Red Valentine; excellent String Bean, pod tender, succulent and of fine flavor. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$8.00.

Refugee, or Thousand-to-One. Very productive, and good for pickling. Pkt., 10c.; lb., 12½c., per 100 lbs., \$7.00.

Henderson's New Bush Lima Bean.

See Novelties.

White Wax, or Butter (stringless). A most excellent variety of this class of beans—so highly esteemed for their white, tender and succulent pods; the seeds are white as well as the pods; very prolific. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$7.00.



China Snap.

Early China, or Red Eye. Very productive. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$6.00.

German Black Wax or Butter (stringless). An excellent and much esteemed String Bean, with transparent, wax-yellow, tender pods. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$8.00.



Black Wax.

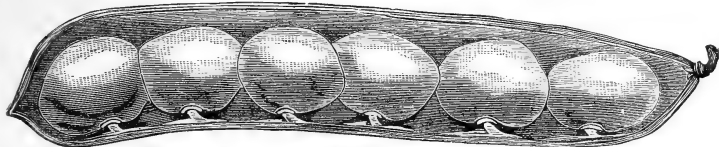
White Marrowfat. Exclusively grown as a bean for winter use. Lb., 10c.; 100 lbs., \$6.00.

Improved White Navy. Standard variety for field culture; very productive, and used only for culinary purposes in a dried state. Lb., 10c.; 100 lbs., \$4.00.

Early Case Knife. An extremely early and popular sort. Pkt., 10c.; lb., 12½c.; 100 lbs., \$7.00.

POLE, or RUNNING BEANS.

German, *Stangenbohnen*. French, *Haricots a Rames*. Spanish, *Judias*.



Large Lima.

Large Lima. The most buttery and delicious bean grown. Plant in a warm, sandy soil, if possible, not too early. Pkt., 10c.; lb., 12½c.

London Horticultural, or Speckled Cranberry. A round, speckled bean, tender for Snap beans,

and excellent for shelling. Pkt., 10c.; lb., 12½c.

Scarlet Runner. This is the favorite Snap bean of Europe, and nothing else will sell as soon as this appears in market. It is often planted in rows and allowed to run on the ground. Pkt., 10c.; lb., 20c.

BEEF.

German, *Runkelruben*. French, *Betterave*. Spanish, *Remolacha*.

An ounce will sow a drill one hundred feet in length; five or six pounds will sow an acre.

Extra Early, or Bassano. This Beet is a standard early sort; roots light red, turnip-shaped, and will grow to a large size; flesh tender and juicy, and boils white. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Cox's Improved Blood Turnip. A carefully selected type of the Early Blood turnip, remarkable for perfect symmetry of shape, freedom from side or fibrous roots, and fine quality. It grows uniformly to a good large size, flesh deepest blood-red, fine grained, very sweet

and tender. Valuable for table use; early, and also unsurpassed to keep for winter use. When wanted for winter use, the seed should be sown later. Oz., 10c.; ¼ lb., 35c.; lb. \$1.00.

Dark Red Egyptian. A new variety, and one of the earliest; very deep red, tender and delicious; in form like the Flat Dutch turnip. Oz., 10c.; ¼ lb., 25c.; lb., 80c.

Early Blood Turnip. The standard early sort; blood-red, turnip-shaped, and very tender; good for early use or for late keeping. Oz., 10c.; ¼ lb., 25c.; lb., 60c.

Long Blood Red. A well-known, hardy variety;

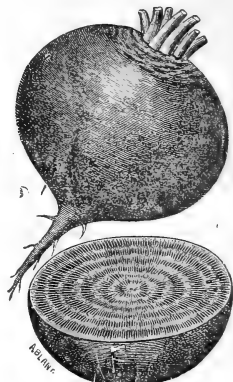
grows from ten to fourteen inches long, and from four to six inches thick. It is very productive. An excellent winter variety. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Bastian's Half-Long Blood-Red. Roots not so long as the preceding, but of handsome shape and very fine quality of thick growth, and valuable to follow the turnip varieties for early use; for winter use plant about the middle of July. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

New Eclipse. This new, early variety recently introduced, comes to us from E. BENARY, Germany, and is destined to supplant all other early Blood beets, especially for market gardening. It gives the greatest satisfaction to all who have as yet been able to secure the *genuine* seed and give it a trial. It has several decided points of merit, and is claimed to be the earliest variety known, being earlier even than the Egyptian. It certainly is the most perfect in form, being as round as a ball, beautiful in appearance. Its small, fine top, extreme earliness and heavy cropping qualities, will recommend it to all market gardeners. We strongly advise our friends to give it a trial. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



New Eclipse.



Cox's Improved Blood Turnip.

MANGEL WURZELS AND SUGAR BEETS.

The Prices for one pound or less include postage by mail.

GROWN FOR FEEDING STOCK.

The value of these for stock feeding cannot be overestimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and selected seed will yield immense crops per acre. Five to six pounds of seed required per acre.

Mangel Wurzel. Carter's Warden Orange Globe. A superior Globe variety, and is said to have taken more prizes in England than any other kind. Oz., 10c.; lb., 40c.

French Silesian Sugar. Grown for Sugar and cattle-feeding. Oz., 10c.; lb., 35c.; 5 lbs., per lb., 25c.

Vilmorin's Improved White Sugar. An improvement on the other varieties of sugar beets; more hardy, and containing a greater percentage of sugar. Oz., 10c.; lb., 50c.

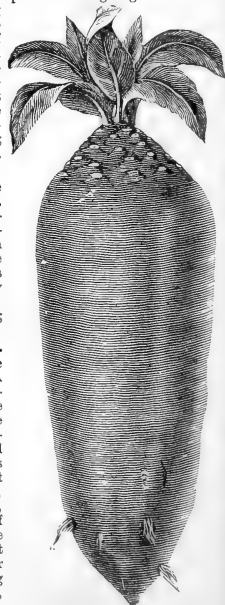
Lane's Improved Imperial Sugar. This superb variety is the result of a careful selection for several years of the French Imperial Sugar Beet. After careful trial it is with the greatest confidence recommended as being hardier, more productive, and containing a greater percentage of sugar than any other variety of sugar beet. It is also much better adapted for cultivation in this country, either for table when young, for stock-feeding, or for the extraction of sugar. Oz., 10c.; lb., 50c.

Mammoth Long Red Mangel Wurzel. This improved variety of Mangel is the result of careful selection

of selected roots, single specimens weighing from 40 to 50 pounds, and producing from 70 to 80 tons to the acre. Our stock of this variety has been grown for us by BENARY, of Erfurt, Germany, which we offer at a small advance of the ordinary Long Red Mangel. Oz., 10c.; lb., 30c.; 10 lbs. and over, 20c. per lb.

Yellow Globe Mangel Wurzel. A large, round, orange-colored variety of excellent quality, which keeps better than the Long Red, and produces better crops on shallow soil. 10 lbs. and over, 30c. per lb.; oz., 10c.; lb., 40c.

Champion Yellow; or Orange Globe Mangel. A globe-shaped, orange-yellow root, of large size, and fine nutritive qualities, growing partly above ground, and from its shape succeeds well on light land. It is of beautiful shape, neat top, fine clear skin, single tap root, and of choice quality; a sure cropper and excellent keeper, rather better keeper than the Long Red. Oz., 10c.; lb., 40c.; 10 lbs. and over, 30c. per lb.



Mammoth Long Red Mangel Wurzel.



Lane's Improved Imperial Sugar.

"The crop from your Seeds, as in former years, has been all that could be desired, especially your Improved Mangel Beet." J. NUNAN, San Jose, Cal.

Red Globe Mangel. Similar to Yellow Globe, except in color; an excellent root. Oz., 10c.; lb., 40c.; 10 lbs. and over, 30c. per lb.

Norbiton Giant Mangel. A fine English strain of the long Red Mangel. Of fine form, very productive and a favorite with many stock-feeders. Oz., 10c.; lb., 60c.; 10 lbs. and over, 40c. per lb.

Golden Tankard. The best of the intermediate sorts; very nutritious; color, bright yellow; very productive and a variety of which stock prefer to any other; keeps well. Oz., 10c.; lb., 40c.; 10 lbs. and over 30c.

BROCCOLI.

This vegetable is allied to the cauliflower—more hardy, but not so fine.

Early Purple Cape. This is the variety most generally cultivated, producing large, close heads, of a brownish purple, and is of an excellent flavor. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



Brussels sprouts.

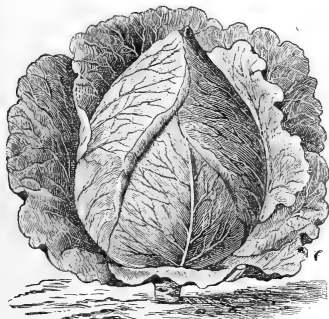
BRUSSELS SPROUTS.

This species of winter cabbage is cultivated as greens for fall and winter use; sow the seed in spring in seed-beds, and transplant and treat same as winter cabbage. An ounce will produce about five thousand plants.

Brussels Sprouts. Pkt., 10c.; oz., 25c.; lb., \$3.00.

COX'S SELECTED CABBAGE SEED.

Carloads of fine Cabbages are annually sent from this market to Chicago and other Eastern points, grown by the market gardeners in the vicinity of San Francisco. Seed of finer quality cannot be obtained.



Cox's Early Spring Cabbage.

Cox's Early Spring Cabbage. The early cabbage of the San Francisco market gardeners; pointed or conical heads; very solid. It is superior to any of the early cabbages of the Eastern markets; sure to head, and of the finest quality. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



Early York.

Early York. The well-known standard sort. Pkt., 5c.; oz., 15c.; lb., \$1.50.

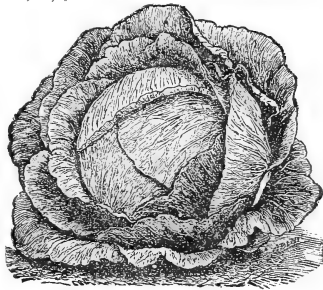
Large Early York. Larger and rather later than the dwarf. Pkt., 5c.; oz., 15c.; lb., \$1.50.

Early Winningstadt. Second early; heads solid in the hottest summer. Pkt., 5c.; oz., 15c.; lb., \$1.50.

Early Bleichfeld Giant. An early, short-stemmed German variety; heads the earliest solid. We find it to be large and of the large, hard-heading drum-heads, maturing earlier than the Fottler's Brunswick. Pkt., 10c.; oz., 30c.; lb., \$3.00.



Early Winningstadt.



Fottler's Improved Brunswick.

Fottler's Improved Brunswick. Extra stock, the best early Drumhead; always pleases. Pkt., 10c.; oz., 35c.; lb., \$2.50.

Very Early Etampes. This is a sort that attracted a great deal of attention, not only on account of its great earliness—maturing same time as the earliest—but also from its peculiar shaped head. Pkt., 10c.; oz., 15c.; lb., \$1.50.

Early Sugar Loaf. An early cabbage with conical heads, of medium size, but not very firm; cannot stand the heat of the south. Pkt., 5c.; oz., 20c.; lb., \$1.75.



French Oxheart.

Stonemason. A short-stemmed, quick-growing, excellent market sort. Pkt., 5c.; oz., 25c.; lb., \$3.00.

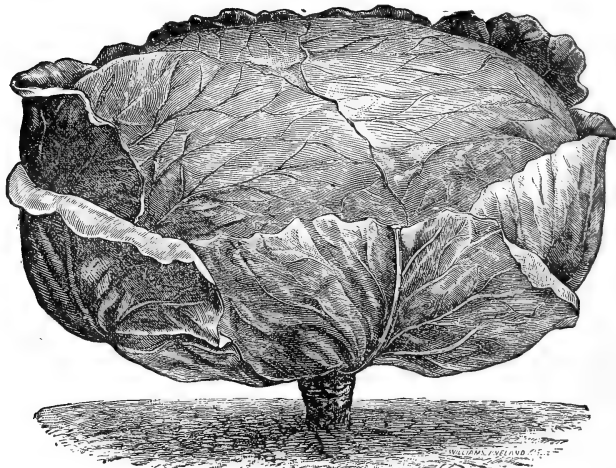
French Oxheart. Large green heads, of good size; very solid; short stump. It ripens with large York. Pkt., 5c.; oz., 20c.; lb., \$1.75.

Flat Dutch. Excellent and well-known. Pkt., 5c.; oz., 25c.; lb., \$2.00.

Early Large Schweinfurt. A very large variety; heads rather soft; grows to an immense size; adapted only for summer or fall family use. Pkt., 10c.; oz., 25c.; lb., \$3.00.

Improved American Savoy. Extra stock. Pkt., 10c., oz., 25c.; lb., \$2.00.

Early Drumhead. Second early; round, flat heads. Pkt., 5c.; oz., 25c.; lb., \$2.00.



Cox's Selected Flat Dutch.

Cox's Selected Flat Dutch. As a variety for the winter market it has no superior, and is more extensively grown than any other. Head large, bluish-green, round, solid, broad, and flat on the top, and often tinted with reddish brown after being touched with frost; they open white and crisp, are tender and well flavored. It is a fall and winter variety, and one of the very best to keep. With good cultivation, on moist, rich ground, ninety-five in a hundred will keep up hard and fine. Pkt., 10c.; oz., 40c.; lb., \$1.00.

Large Late Drumhead. Large, solid heads. Fall and winter variety. Pkt., 5c.; oz., 25c.; lb., \$2.00.

Henderson's Early Summer. The largest early variety. Pkt., 10c.; oz., 25c.; lb., \$2.50.

Marblehead Mammoth. The largest grown. Under extra tillage and rich soil it attains a weight of forty to fifty pounds. Pkt., 10c.; oz., 25c.; lb., \$2.50.

Red Dutch. For pickling. Pkt., 10c.; oz., 25c.; lb., \$2.00.

CARROT.

German, *Mohren*. French, *Carrote*. Spanish, *Zanahoria*.

Half-Long Orange, or Danvers. A variety intermediate in size and period of maturity between the Early French Forcing and Long Orange. Pkt., 5c.; oz., 15c.; lb., 85c.; 5 lbs. or over, 70c. per lb.

Early Scarlet Horn. This is one of the earliest; color deep orange, and finely flavored. Pkt., 5c.; oz., 15c.; lb., 85c.; 5 lbs. or over, 80c. per lb.

Half-Long Scarlet, Stump Rooted. A great acquisition, suitable for shallow soils, remarkably smooth in skin, rich in color, and of uniform texture throughout. It is of a very fine quality for table use, and is a good variety for forcing. Pkt., 5c.; oz., 15c.; lb., 80c.; 5 lbs. or over, 70c. per lb.

"My purchases of Seeds have been mostly made at your store for the last seven years; they have always turned out well." E. P. SOWERLY, Gladstone, Cal.

Early French Forcing. The earliest variety, valuable for forcing, root small and of fine flavor. Pkt., 10c.; oz., 15c.; lb., \$1.25.

Long Orange. A standard sort; roots long, smooth, and of a deep orange color; excellent for table use, also profitable for field culture. Pkt., 5c.; oz., 10c.; lb., 80c.; 5 lbs. or over, 70c. per lb.

Cox's Improved Long Orange. This is a decided improvement over the ordinary Long Orange. The roots grow remarkably uniform and smooth, being always well



Early French Forcing.

formed and of larger size, better flavored and of deeper orange color. Pkt., 10c.; oz., 15c.; lb., \$1.25; 5 lbs. or over, \$1.10 per lb.

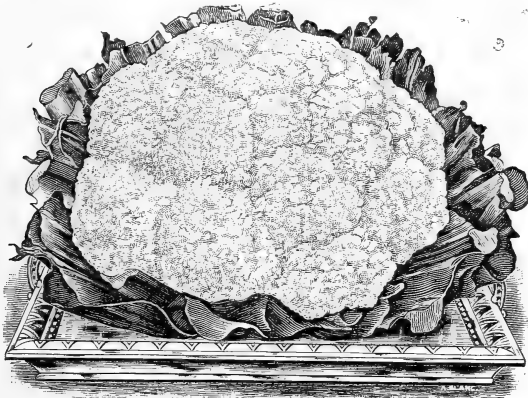
Ox-Heart or Half-Long Guerande. (*Stump rooted.*) This new French Carrot is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Long White or Belgian. Grows to a large size; roots pure white; extensively raised for feeding stock. Pkt., 5c.; oz., 10c.; lb., 70c.; 5 lbs. or over, 65c. per lb.

Yellow Belgian. When young the roots are mild, delicate, and of good flavor; when full grown; valuable for stock. Pkt., 5c.; oz., 10c.; lb., \$1.00.

CAULIFLOWER.

Ger., Blumenkohl. Fr., Choufleur. Sp., Coliflor. Por., Couveflor. It., Cavola di Natta.



Early Snowball.

Early Snowball. The seed is still very scarce and high, but we have reduced the price considerably. This variety of Cauliflower has given the best of satisfaction in all sections. It is the earliest of all Cauliflowers—about one week earlier than any other sort. In addition to its earliness, its dwarf habit and short outer leaves allow it to be planted as close as eighteen or twenty inches apart each way. Pkt., 25c.; oz., \$2.50; lb., \$35.00.

Erfurt Earliest Dwarf. One of the earliest varieties, very dwarf, with large pure white heads; unsurpassed in quality, and one of the surest to head. (Seeds grown in Erfurt, first quality.) Pkt., 20c.; oz., \$2.00; lb., \$25.00.

Veitch's Autumn Giant. This extremely valuable variety is perfectly distinct from any other sort. The heads are magnificent, beautifully white, large, firm and compact, and being thoroughly protected by the foliage, remain longer fit for use than any other sort. Pkt., 10c.; oz., 75c.



Early Paris.

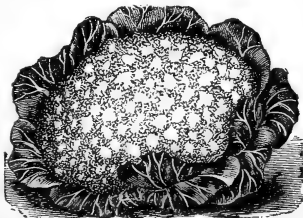
Early Paris. Head rather large, white and compact, stock short. This is one of the earliest and tenderest sorts, particularly when sown in spring. Pkt., 10c.; oz., 75c.; lb., \$9.00.

Half Early Paris or Nonpareil. One of the best; sure to head; of delicious flavor, and good for either early or late. Pkt., 10c.; oz., 75c.; lb., \$7.50.

Lenormand's Short-Stemmed. A very fine French cauliflower of short, stocky growth, recommended by French cultivators as one of the best sorts for general

cultivation. Pkt., 10c.; oz., 75c.; lb., \$8.50.

Large Late Asiatic. A fine, large, white compact variety, later than the early Paris; if sown at the same time will afford a succession. Pkt., 5c.; oz., 50c.

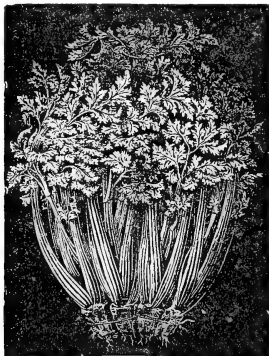


San Francisco Market.

San Francisco Market. This variety is grown almost exclusively by the market gardeners around San Francisco. It is a large, early, sure-heading variety, producing magnificent, white, compact heads of the finest flavor. Pkt., 10c.; oz., \$1.00; lb., \$12.00.

CELERY.German, *Seleri*. French, *Celeri*. Spanish, *Apio*.

Sandringham Dwarf White. An excellent variety, remarkable for fine flavor and solidity. Pkt., 5c.; oz., 25c.



COPYRIGHT 1903.

Henderson's New Celery, White Plume.

Henderson's New Celery, White Plume. The introduction of this new and distinct variety bids fair to so simplify the culture of Celery, that the most inexperienced can grow it in proper condition for the table with the same facility as they can Cabbage or Lettuce. The stalk and proportions of the inner leaves and heart are naturally white, so that by closing the stalks, either by tying them together or by pressing the soil up against the plant with the hand, and again drawing up the soil with the hoe or plow, so as to keep the soil that has been squeezed against the Celery in place, the work of blanching is completed. The great advantage of this over the slow and troublesome process of blanching required by all other sorts is evident. Its eating qualities are equal to the very best of the older sorts, being crisp, solid, and of a pleasing nutty flavor, while its white, feather-like foliage places it ahead of all others as a table ornament. Pkt., 10c.; oz., 50c.; lb., \$5.00.

Crawford's Half Dwarf. This variety is now grown more extensively than any other by the market gardeners who supply the New York City markets, and is the kind found on the tables of all first-class hotels. When blanched it is of rather a yellowish white, and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight of bunch, when grown under the same conditions. Pkt., 5c.; oz., 25c.



New Golden Heart. A new and entirely distinct variety, of sturdy, dwarf habit. It is entirely solid, an excellent keeper, and of fine, nutty flavor. When blanched the heart, which is large and full, is of a pure, golden yellow, making this an exceedingly showy and desirable variety for both market and private use. Pkt., 5c.; oz., 25c.; lb., \$3.00.

Boston Market. A favorite variety, remarkable for its tender, crisp, and succulent stems and its peculiarly mild flavor; it is grown almost exclusively by Boston market gardeners. Pkt., 10c.; oz., 50c.

Incomparable Dwarf White. An excellent Dwarf variety, very solid and crisp. Pkt., 5c.; oz., 25c.

Giant White Solid. Of large size, solid and crisp. Pkt., 5c.; oz., 25c.

Seymour's Superb White. One of the best of the large varieties. Pkt., 5c.; oz., 25c.

Turnip-Rooted (Celery). Turnip-shaped root, of celery flavor. Pkt., 10c.; oz., 25c.

Soup Celery Seed, for flavoring pickles, soups, etc. Oz., 10c.; lb., 35c.



Boston Market Celery.

COLLARDS.

A species of Cabbage known in different sections as "Cole" and "Colewort." It is almost universally used in the South for "greens," where it continues in luxuriant growth all Winter. Sow in early Spring and continue at intervals for a succession, and when 4 inches high transplant to one foot apart and treat as Cabbage.

Georgia, or Creole. This is the variety so extensively used in the South. Forms a large, loose, open head, or a mass of leaves on a tall stem, which are the better for freezing. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

SWEET CORN.

If ordered by Mail, 10 cents per Pound must be added for Postage.

25 lbs. sold at 100-lb. rates.

All Choice Eastern Grown.—All varieties 10c. per pkt. by mail, postage paid.



Early Minnesota.

the Crosby and Evergreen in flavor; a most valuable sort for market gardeners. Pkt., 10c.; lb., 25c.

Early Minnesota. This, we claim, is the very best early sweet corn we have ever tried; plant dwarf; ears short but fine, and of excellent quality; it has a white cob, and is very desirable. Pkt., 10c.; lb., 15c.; 100 lbs., \$9.00.

Extra Early Tom Thumb. New; very early. At least a week earlier than Minnesota, the sweetest of all the early varieties; ears of fair size, kernel large and white, resembling

"I raised last season your San Francisco Market Cauliflower. The Seed I purchased from you my customers pronounced the best they had ever seen, and prefer it to Snow Ball." H. L. BRYANT, Latrobe, Cal.

Squantum Sugar. A variety of Sugar Corn in great favor with the well-known Squantum Club, of Silver Spring, Rhode Island, and used by them almost exclusively in their famous clam-bakes. It is about as early as the Moore's Concord, the ears being the same size. Its quality is of the best. Very sweet, and wonderfully productive, producing four or five ears on a stalk. Pkt., 10c.; lb., 25c.

Russell's Early Prolific. A standard early, sort; very early; one of the best; excellent for private gardens. Pkt., 10c.; lb., 15c.; per 100 lbs., \$8.00.

Stowell's Evergreen. Late, excellent, long keeper; ears large and very thick; this variety should be grown in every garden for late use. Pkt., 10c.; lb., 15c.; per 100 lbs., \$8.00.

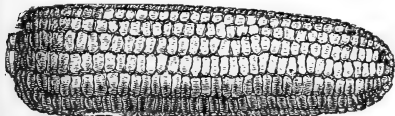
Moore's Concord. Medium early; large, well-filled ears, of excellent flavor. Pkt., 10c.; lb., 15c.; per 100 lbs., \$8.00.

Crosby's Early Sugar, or Boston Market. One of the best of the early sorts; ear short. Pkt., 10c.; lb., 15c.; per 100 lbs., \$8.00.



Eight-Rowed.

Early Eight-Rowed Sweet, or Sugar. This is an old standard variety of Sweet Corn, becoming fit for use about the same time as Crosby's Early, or perhaps a little earlier. Pkt., 10c.; lb., 15c.; per 100 lbs., \$8.00.



Mammoth Sugar.

Mammoth. A vigorous, large, late variety. Pkt., 10c.; lb., 15c.; per 100 lbs., \$8.00.

Corv. An excellent sort, very sweet, extra early and of rich flavor; a desirable sort for private or market gardens. Pkt., 10c.; lb., 15c.

FIELD CORN.

Early Yellow Dent. Early, strong and vigorous, growing from six to eight feet high, producing large, handsome ears, with unusually deep grains. Pkt., 10c.; lb., 15c.; per 100 lbs., \$5.00.

Early Yellow Canada, or Flint. A ninety-day corn, used principally for replanting where the other varieties fail to come up, and then maturing at the same time with the common field varieties; good for northern latitudes. Pkt., 10c.; lb., 15c.; 100 lbs., \$5.00.

Early Large White Flint. The old Hominy eight-rowed variety; very early, productive, and of good quality. Pkt., 10c.; lb., 15c.; 100 lbs., \$5.00.

Improved King Phillip. A fine early variety for field crop. Pkt., 10c.; lb., 15c.; 100 lbs., \$6.00.

Parching. White, best for popping. Pkt., 10c.; lb., 15c.; 100 lbs., \$6.00.

Sweet Fodder Corn. For soiling or ensilage. Profitable as green fodder, cut when green to feed to cattle. Sow broadcast two bushels, in drills three feet apart, one bushel per acre, of either field or sweet varieties. Pkt., 10c.; lb., 15c.; 100 lbs., \$5.00.

CORN SALAD.

Fr., *Mache*. Sp., *Mache o Valerianilla*.

A remarkably hardy plant used as a small salad through the winter and spring. Sow in September thickly, in shallow drills, keep clear from weeds. In winter, during severe weather, cover with straw or trashy manure.

Corn Salad. Large seed. Pkt., 5c.; oz., 20c.; lb., \$1.50.

CRESS, OR PEPPERGRASS.

Fr., *Cresson*. Sp., *Berro o Mastuerzo*.

Extensively used as a small salad; very useful and healthy. Can be used alone or mixed with other salads, for which it is highly esteemed; also useful for garnishing; sow seeds thickly in shallow drills about a foot apart; repeat at intervals.

Curled. Fine flavor, beautiful foliage, may be cut often. Pkt., 5c.; oz., 15c.

Water-Cress. This is sown by the side of running water; it is altogether an aquatic plant, and forms an early and wholesome spring salad. Pkt., 10c.; oz., 60c.

CHERVIL.

Chervil, Curled. An aromatic, sweet herb. The young leaves are used in soups and salads. Pkt., 5c.; oz., 25c.; lb., \$2.00.

CHICORY.

The roots of this vegetable are much used in Europe as a substitute for coffee. One ounce will sow a bed of four and one-half by thirty feet; four pounds to the acre.

Large-Rooted, or Coffee. Pkt., 5c.; oz., 25c.; lb., \$1.50.

COX'S CHOICE CUCUMBER SEEDS.



Early Cluster.

FROM carefully selected stock seed, each variety being carefully grown, isolated from all others to keep each variety pure and true.

Early Russian. Earliest in cultivation, being ten days earlier than the Early Cluster, which it resembles. Fruit sets in pairs, and when full grown is three or four inches in length. Finely flavored. Pkt., 5c.; oz., 15c.; lb., \$1.25.

Boston Pickling. A distinct variety, which has obtained a great popularity in Boston markets as a pickle. It is medium long, and a great producer. Pkt., 5c.; oz., 15c.; lb., \$1.25.

Early Cluster. A short, prickly variety. Usually grows in clusters. Is a prolific bearer; and, except the Early Russian, is the earliest sort. Flavor excellent. Pkt., 5c.; oz., 15c.; lb., 85c.

Early Short Green. Very productive; good for table and pickles. Pkt., 5c.; oz., 15c.; lb., 95c.; 5 lbs., or over, 80c. per lb.

Early Frame. The standard variety, and a most prolific bearer. Fruit medium size, and excellent for using in a green state, or for pickling. Pkt., 5c.; oz., 15c.; lb., 85c.

Nichol's Medium Green. This new variety is excellent as a pickle sort, and for forcing purposes there is no better variety. It is very productive, of medium size, and always straight and smooth. Color dark green; flesh crisp and tender. Pkt., 10c.; oz., 20c.; ¼ lb., 35c.; lb., \$1.00.

Early White Spine. Fruit large size and smooth, and retains its color several days after being plucked. An excellent variety. Pkt., 5c.; oz., 15c.; lb., 75c.; 5 lbs. or over, 60c. per lb.



Improved Early White Spine.]

Improved Early White Spine. For both market use and pickling this variety is now more largely grown than any other. Our seed is of the true original Boston Market stock, and is vastly superior to the unimproved White Spine. Market gardeners and pickling establishments have here a Cucumber that is admirably suited to their wants. Pkt., 5c.; oz., 20c.; lb., \$1.00; 5 lbs. or over, 90c. per lb.



Long Green

Long Green. The largest variety; long, straight, smooth and solid, sometimes growing 18 inches in length. Excellent for pickling. Pkt., 5c.; oz., 15c.; lb., 90c.; 5 lbs. or over, 80c. per lb.

West India Gherkin. Very small variety, used wholly for pickling. Pkt., 10c.; oz., 25c.; lb., \$3.00.

EGG PLANTS.

Ger., *Eierpflanze*.

Fr., *Aubergine*.

Sp., *Berengena*.

Early Long Purple. Early and productive; fruit of good quality. Pkt., 5c.; oz., 30c.

New York Improved Purple. A superior market variety. It grows to a large size; oval-shaped, and dark purple color. Pkt., 10c.; oz., 50c.



New York Improved Purple.

ENDIVES.

Ger., *Endivien*. Fr., *Chicoree*. Sp., *Escarola o Endivia*.

Green Curled. Beautifully curled, dark green leaves; an excellent plant. Pkt., 5c.; oz., 20c.; lb., \$2.00.

Broad Leaved. Leaves broad and nearly plain; chiefly used in stews and soups. Pkt., 5c.; oz., 20c.; lb., \$2.00.

KALES OR BORECOLES.

Ger., *Blatter-Kohl*.

Fr., *Chou Vert*. Sp., *Breton*.

Tall Green, Curled Scotch. Pkt., 5c.; oz., 25c.; lb., \$2.00.

German Dwarf Green. Pkt., 5c.; oz., 25c.; lb., \$2.00.

KOHL-RABI, or TURNIP-ROOT-ED CABBAGE.

French, *Chourave*. Spanish, *Colinabo*.



Kohl-Rabi.

This vegetable partakes of the nature of both the turnip and of the cabbage, and may be cultivated same as the Ruta Baga. By many the Kohl-Rabi is highly esteemed for culinary purposes. An ounce of seed will produce two thousand plants.

Early White. A fine early variety for table use. Pkt., 5c.; oz., 25c.; lb., \$3.00.

Large Green. A very productive sort for farm culture. Pkt., 5c.; oz., 25c.; lb., \$3.00.

LEEKs.

Ger., *Lauch*. Fr., *Poireau*.

Sp., *Puerro*.

This plant has the flavor of the onion. The lower or blanched portion is used for flavoring soups, or boiled and served as asparagus. One ounce of seed will sow a bed of sixty feet square.

Large American Flag. A favorite variety with the market gardener. Of strong and vigorous growth. Pkt., 5c.; oz., 15c.; lb., \$1.50.

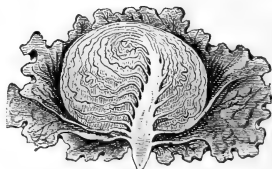
Large Flag, or London. This is the sort usually cultivated. It is a hardy and vigorous plant. Pkt., 5c.; oz., 15c.; lb., \$1.50.

Musselburgh. Stem somewhat shorter than the London, but of equal thickness; leaves broad and tall spreading like a fan; hardy. Pkt., 5c.; oz., 25c.; lb., \$2.00.



Large American Flag

LETTUCE.



Improved Hanson.

Improved Hanson. Heads very large, solid, sometimes weighing two or three pounds; tender, crisp, and of fine flavor; color beautiful—green outside and white within. Stands the summer heat well; one of the very best in cultivation. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Prize Head. An early variety, forming a mammoth head; remain tender and crisp throughout the season; of superb flavor, and very hardy. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Boston Market. An improved variety of the Tennis Ball; one of the best for forcing. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Ice Drumhead. Heads readily, blanches naturally; crisp, tender and well flavored. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

"Gentlemen—Your Seeds are attracting much attention in this county. Please send us new Catalogue so that we can order." JOHN CLARKE, Globe, Arizona.

Royal Summer Cabbage—Color light

yellow, leaves uniform, nearly all turned into the head, which is well formed, good size, close, and a little flattened. It stands the heat well. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Royal Summer Cabbage.

American Gathering. A distinct variety, the tips of the leaves being marked with red; very solid, exceedingly crisp, and of excellent flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1 50.

Philadelphia Butter. Heads of good size, close and well formed; very tender, and of excellent flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1 50.

Early Curled Silesia. A superior variety, of a very strong growth; leaves large, light yellow, wrinkled. For forcing, and the first spring sowing, is highly esteemed. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1 50.

Early Curled Simpson. An improved variety of the preceding, very early, and an excellent sort for

forcing; is largely grown by the market gardeners in the vicinity of New York. Pkt., 5c., oz., 15c.; $\frac{1}{4}$ lb., 40c.; b., \$1 50.

Tennis Ball. Well-formed heads, hardy and crisp, of excellent quality. One of the earliest of the heading varieties. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1 50.

Boston Curled. Variety of great beauty and of very superior quality. The symmetry of its growth, and fine, elegant frilling of the leaves, render it highly ornamental. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb. 40c.; lb., \$1 50.

Large India. One of the largest varieties. It forms large, round heads, which cut white, brittle and almost transparent. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1 50.



Black Seeded Sampson.

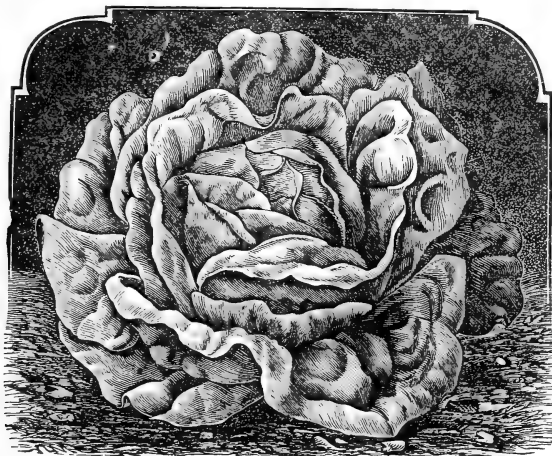
Black-Seeded Sampson.

Pkt., 5c.; oz., 25 cts.; $\frac{1}{4}$ lb., 65c.; lb., \$1.75.

Satisfaction.

A new English variety. Large, unusually tender, remaining in hand

a long time. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.



Improved Large Passion.

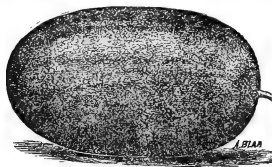
Improved Large Passion (true black seed). It produces very fine, large, solid, white heads, which will measure from twenty to twenty-two inches in circumference; crisp and tender, and of excellent flavor. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Paris White Cos. One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

COX'S SELECTED MELON SEEDS.

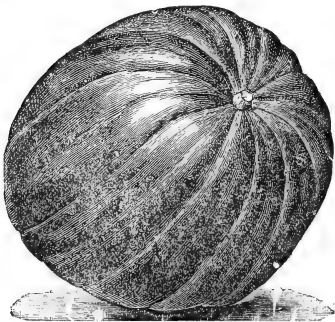
Seed saved from only selected melons. The San Francisco markets are noted for their fine, large melons. It has always been our aim to furnish market gardeners and retail customers with only the finest seed obtainable, and as we have had many acres of melons raised for our special trade, and under our supervision, we feel warranted in claiming that seeds of finer quality cannot be obtained.

Please remember our prices include Postage Paid; if ordered by freight or express, deduct 10 cents per pound.



Vick's Early.

Cuban Queen Watermelon. An exact copy from a photograph. This magnificent new melon is a late introduction from the West Indies, having attained the size of 103 lbs. The following is the description of the introducer: "This illustration, from a photograph, gives a fair idea of their form, size and markings, but fails adequately to depict their great beauty. The skin is beautifully striped, dark and light green—of the latter there being two shades agreeably diversified. Their flesh is *bright red, remarkably solid, peculiarly luscious, crisp and sugary*. In delicious flavor it surpasses the celebrated *Iceing*, which has heretofore been considered *par excellence* in this important quality, but which does not grow large enough to suit our market gardeners. They are wonderfully *solid* and good keepers, excellent to ship to market, although their rind is unusually thin, being scarcely more than half an inch thick on a melon of enormous size." Pkt., 5c.; oz., 10c.; lb., \$1.00.



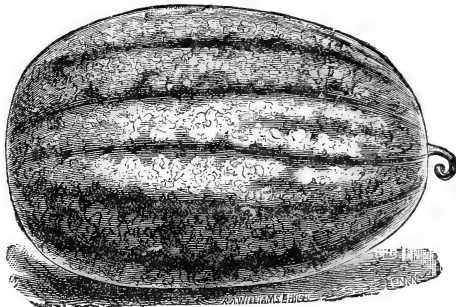
Pride of Georgia.

The Boss. This new melon has a very dark skin, slightly ribbed, and is long in shape. It is very heavy for its size, which, however, is not large; flesh solid, red and sugary. By many this melon is very highly esteemed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Mammoth Ironclad. This new melon originated with a prominent melon grower in South Delaware, and resembles in its markings the popular Cuban Queen. In shape and seed, however, it is quite distinct, being deeper and fuller at both ends, with seeds of drab white color. Grows uniformly, very tough and hard, thus rendering it valuable for shipping. Pkt., 5c.; oz., 10c.; lb., \$1.00.

Lodi Watermelon. A large, solid, cream-colored melon, with flesh deep red, of a rich, delicious flavor, with only half an inch of rind, white-seeded, originated in California about ten years ago. We have this season for sale the seeds of this magnificent melon, which has superseded all other varieties in the San Francisco market. We have saved the seed from the choicest stock. Those who have had difficulty in procuring pure seed, we know will appreciate it. As a market melon, wherever introduced it sells at extra prices on account of beauty, size and fine quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Vick's Early. This new melon is highly prized for its extra earliness; oblong in shape; smooth, size medium, flesh bright pink, solid and sweet. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 40c.; lb. \$1.00.



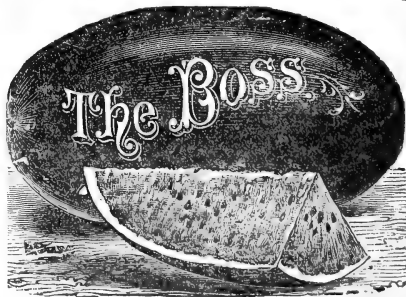
Cuban Queen Watermelon.

Pride of Georgia. This new Watermelon from Georgia is decidedly better in quality than the Sealy Bark, while the rind is equally as hard, and consequently, it is an excellent shipping variety. The melons are perfectly round in shape, striped light and dark green, uniformly of fair market size; the flesh is bright red, ripening up well, and of very good quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Peerless. Good, but not equal to the Ice Cream; rind thin, light green; flesh solid, bright red, and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

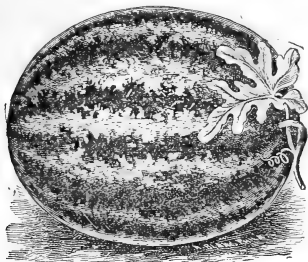
Ice Cream. A variety similar to the last mentioned; it is prolific, early, and well adapted for cultivation in cold localities. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

Gipsy. Fruit large, oblong, striped; flesh red, of fine quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



The Boss.

"Having tried your Seed last year, we are satisfied that they are the best that can be obtained, as we had the best of success." A. F. PLACE, Pine Rock, Cal.



Kolb Gem.

Kolb Gem. This new southern melon comes to us most highly recommended, and although as yet little known in the north, bids fair to soon have a national reputation, both on account of its most excellent shipping qualities and delicious flavor. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.10.

Mountain Sweet. The most popular variety, and very productive; large in size; long, oval-shaped; flesh scarlet; excellently flavored, and solid quite to the center. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

Icing. Of round form, white-seeded. This melon can scarcely be praised too highly on account of its solidity, thin rind, and rich, luscious, sugary flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Mountain Sprout. A large, long, striped variety, flesh bright scarlet color, and excellently flavored; seeds drab color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb. \$1.00.

Black Spanish. A round variety; color dark green; flesh scarlet; seeds black. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Citron, for Preserves. Grows round and smooth; striped and marbled with light green. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Colorado Preserving. A distinct variety from the ordinary preserving citron; immensely productive; flesh firm and solid, and of fine preserving qualities, Pkt., 10c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.50.

MUSK MELON.



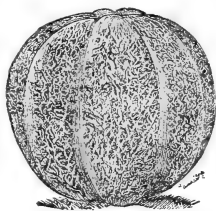
New Surprise.

Musk Melon, New Surprise. This variety has a thin, cream-colored skin; thickly netted; the flesh is of a deep salmon color. very thick, and of excellent flavor. It is a good bearer, round in shape, early, and a good keeper, often attaining a large size. It is now considered the best melon in cultivation. The seed we offer is saved from the finest specimens. Pkt., 5c.; oz., 15c.; lb., \$1.50.

Musk-Melon, Bay View. Fruit of the largest size, frequently sixteen to eighteen inches long, and will ripen up finely if picked quite green, making it one of the best for shipping long distances, and this, combined with its great beauty, makes the variety a favorite with market gardeners. Flesh thick, of rich, green color, juicy and very sweet and rich. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Green Citron. A large, roundish fruit, flattened at the ends, and rough-netted. Melting, and fine flavored, Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Hackensack. A variety of Green Citron, well known among the New York market gardeners. It grows to a very large size, is productive, and of exquisite flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.



Skillman's Netted.

Skillman's Netted. Form roundish oval, flesh, deep green, sweet, and richly perfumed; early and delicious. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

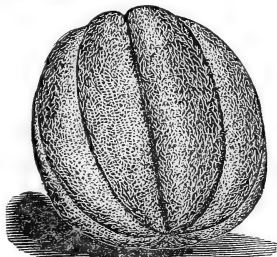
Jennie Lind. Size small, but very delicious. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



Golden Netted Gem.

Golden Netted Gem.

They grow remarkably uniform in shape and size, weighing $1\frac{1}{2}$ to $1\frac{3}{4}$ pounds each. They are thick-meated, the flesh is light green in color, and uniformly of fine luscious flavor. Pkt. 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb. \$1.25.



Montreal Improved Green Nutmeg Melon.

Montreal Improved Green Nutmeg Melon. This magnificent variety is largely grown by a few market gardeners in the neighborhood of Quebec and Montreal, Canada, whence it takes its name. The fruit is nearly round, slightly flattened at the ends, with a densely netted, green skin. They grow to a very large uniform size, averaging from fifteen to twenty pounds in weight. Two specimens taken from a patch this season weighed twenty-three and twenty-six and a half pounds, respectively. The flesh is remarkably thick, and of good flavor for so large a melon. Owing to its large and handsome appearance, it sells rapidly in market at very high prices. We consider it one of the best exhibition or late market melons grown. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 5c.; lb., \$1.25.

Cassaba. A musk-melon of extraordinary size and delicious flavor: weight from twelve to fifteen pounds. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

Large Yellow Cantaloupe. Of good size, netted and slightly ribbed; flesh salmon-color, thick and musk-flavored. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.

Large Green Nutmeg. The standard sort; fruit oval, good size, thickly netted, flesh light green, rich, sweet, melting, and highly perfumed; one of the finest. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.

MUSHROOM SPAWN.Fr. *Champignon* Lp. *Seta*.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure, and lay it in a heap to ferment; turn and mix well every few days, and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep, mixing it well together, and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees, the spawn may be inserted in pieces about the size of a walnut, about two inches deep, and six inches apart. Cover with loamy soil about two inches deep, and beat it down evenly and firmly. Finish off with a covering of clean straw or hay, about a foot thick, to protect from heavy rains. Water, when necessary, with lukewarm water, and expect mushrooms in from four to six weeks.

Mushroom Spawn. 1 lb., by mail, 35c.

ONION SEEDS—NEW CROP.

Our onion seed is all grown from choice selected bulbs, on the seed farms in Santa Clara, Cal. It is a well known fact to the seed merchants of the world, that Santa Clara grown seed is heavier, plumper, and produces finer onions than seed grown in any other part of the world. Onion seed grown in Santa Clara finds ready sale with all the large seed houses in this country. Although the crop amounts to 100,000 pounds, or nine-tenths of the seed required in the United States, it has found ready sale at good prices. If ordered by express or freight, deduct fifteen cents per pound. If ten pounds or more are wanted, write for special price.

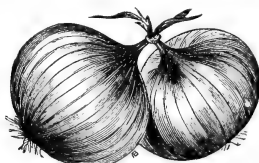
Wethersfield Red. One of the best varieties for a general crop of good size; red, roundish, productive; heads and keeps well. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Early Red.

Early Red. Most valuable as an early variety. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Southport Yellow Globe. Our seed of this valuable, heavy cropping sort, is raised from the finest selected onions, which are large in size and handsome in appearance. Those who have grown either the Red or White Globe varieties, will understand that the Yellow Globe is identical with them in shape and size, differing only in color. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.



Danvers Yellow.

Danvers Yellow. A fine, large, round onion, very choice. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

"I have bought Seeds of your firm over eight years, and they have given satisfaction." R. ULICH, Landscape Gardener, Hotel Del Monte, Monterey, Cal.

Large White Italian Tripoli. A new and excellent variety, of quick growth and mild flavor. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$2.00.

Large Yellow. A fine, large, flat onion; forms bulbs readily. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

White Globe. A large, white onion, as large as the Danvers Yellow. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

White Portugal, or Silver Skin. True, white, delicate, early, not a good keeper. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Giant Rocca. A splendid, large variety from Naples, globular shaped, a bright brown skin, and delicate flavor. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$2.00.

El Paso or Large Mexican. Grows in Mexico to a diameter of six inches, and to a weight of two or three pounds, and used in that region in preference to any other sort. Color variable from white to light red, flesh white, rather coarse grained, but of very mild flavor. Resembles a mammoth White Portugal. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.00; lb., \$4.00.



Mammoth Silver King.

Mammoth Silver King. We have imported seed of this truly mammoth variety direct from the originator in Italy. It matures a little later than *Extra Early Pearl*, and reaches a larger size than any of the flat white varieties, frequently measuring twenty inches in circumference, and weighing three to four pounds. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

OKRA, OR GUMBO.

Sow about middle of spring in drills, and thin the plants to a foot or more apart. Highly esteemed and cultivated for its green seed-pods, which are used in soups, or stewed and served like asparagus. Should be gathered while young and tender, and for winter use, slice into rings and dry on strings or otherwise.

Long Green. Long ribbed pods. Pkt., 5c.; oz., 10c.; lb., \$1.50.

PARSLEY.Ger., *Petersilie*. Fr., *Persil*. Sp., *Perijil*.

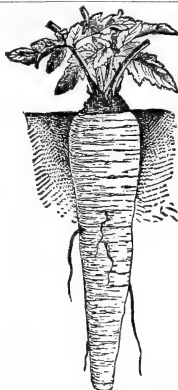
Soak the seed a few hours in lukewarm water, and sow early in the spring in drills an inch deep and one foot asunder. Thin out the plants to four inches apart.

Plain or Single. Plain leaves, excellent flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.



Double Curled Parsley.

Fine Double Curled. Fine dwarf; crimped leaves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



Sugar, or Hollow Horn.

PARSNIPS.

Gr., *Pastinake*. Fr., *Panais*. Sp., *Pastinaka*.

The soil should be deep, rich and mellow. As the roots are long and slender, the deeper and more thoroughly the soil is stirred, the better. When the soil is shallow, or where there is a clayey or gravelly sub-soil, the roots will be short and branched and deficient in the mild, tender and sugary properties which they possess when grown under more favorable circumstances.

Long White. Roots long, white, sugary and fine flavored. Pkt., 5c.; oz., 10c.; lb., 60c.

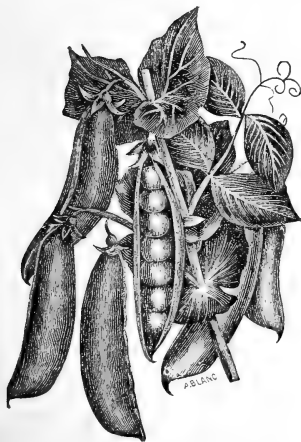
Sugar, or Hollow Crown. Roots about eighteen inches long and four inches in diameter at the crown; fine flavored. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

COX'S NORTHERN-CROWN SEED PEAS.

OUR PEAS are all raised in Humboldt County, from the finest strains obtainable. The crops are carefully gone over and "rogued," being subjected to the most careful inspection, and all are carefully hand-picked. Special prices made to gardeners and canners using large quantities. Twenty-five pounds sold at 100 pound rate.

Our Prices by the Packet include Postage.
If ordered by mail in larger quantities 10 cents per pound extra.

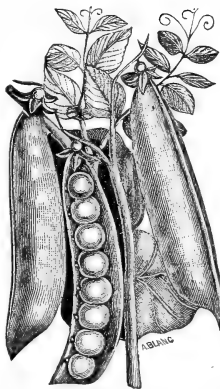
25 Pounds at 100 Pound Rate.



American Wonder.

EXTRA EARLY.

American Wonder. One of the earliest wrinkled peas in cultivation, exceedingly productive, and of very dwarf and compact growth, growing only from ten to eighteen inches high. Pkt., 10c.; lb., 20c.; per 100 lbs., \$11.00.



Cox's Earliest of All.

peas grown; of a delicious flavor; rich and sugary; very early; height, one foot. Pkt., 10c.; lb., $12\frac{1}{2}$ c.; per 100 lbs., \$9.00.

Daniel O'Rourke. A popular early sort; hardy; and a good bearer, but not as early as the Extra Early; height, three feet. Pkt., 10c.; lb., $12\frac{1}{2}$ c.; per 100 lbs., \$9.00.

Alpha. A new wrinkled variety, one of the earliest; flavor excellent; height, two and one-half feet. Pkt., 10c.; lb., 20c.; per 100 lbs., \$15.00.

Cox's Earliest of All. This is unsurpassed in extra earliness and productiveness. None ripen earlier, and few as early. Height about two feet, quality excellent, and the crop can be gathered in two pickings. Also for a late fall crop it is unsurpassed, growing with rapidity. Pkt., 10c.; lb., $12\frac{1}{2}$ c.; per 100 pounds, \$9.00.

Philadelphia Extra Early. This is, in reality, the same variety as the preceding, but the stock is not selected with as particular care. Pkt., 10c.; lb., $12\frac{1}{2}$ c.; per 100 lbs., \$6.50.

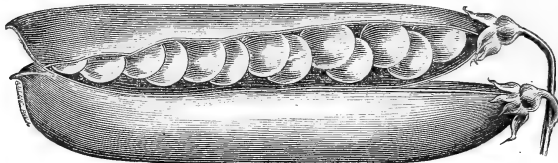
McLean's Little Gem. This is one of the best dwarf wrinkled

Tom Thumb. Very dwarf; stout and branching; may be cultivated in rows ten inches apart; requiring no sticks; height, nine inches. Pkt., 10c.; lb., 20c.; per 100 lbs., \$15.00.

McLean's Advancer. A dwarf; green, wrinkled marrow, very productive and of excellent flavor. Pkt., 10c.; lb., 15c.; per 100 lbs., \$10.00.

LATE OR GENERAL CROP.

Champion of England. A standard wrinkled variety of delicious flavor; very popular; one of the best in cultivation. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$6.50.



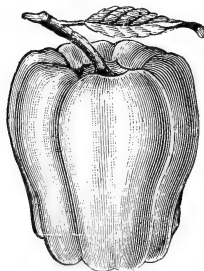
Telephone.

long, round and well filled, containing six to eight large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. Six to eight inches apart in the rows is the nearest that the plants should stand. Per Pkt., 10c.; per lb., 25c.; per 100 lbs., \$15.00.

Alaska. An extra early round pea, resembling Kentish Invicta. Pods are of a dark green color, well filled and ripen uniformly. The dark green color of the pods will make it a desirable shipping variety. Height, two feet. Per pkt., 10c.; per lb., 25c.; per 100 lbs., \$15.00.

PEPPERS.

Sow early in hot-bed, or in open air ground about the middle of spring. Transplant when three inches high to one foot apart, in drills twenty inches apart, and earth up a little in hoeing, which can be continued until the plants are in full blossom.



Large Bell, or Bull Nose.

Large Bell, or Bull Nose. An early variety of mild flavor, fruit large, slightly tapering, and generally terminating in four obtuse, cone-like points. It is a favorite sort, both for pickling and for use in crude state. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.00.

Ruby King. Every one who grows Peppers, should try Ruby King; they often attain a very large size. Ordinarily they grow four and a half to six inches long by three and a half to four inches thick. When ripe they are of a beautiful, bright ruby-red color, and are always remarkably mild and pleasant to the taste—in this respect unequaled by any other variety, and when better known will undoubtedly take the place of all other red varieties for stuffing as mangoes. Pkt., 10c.; oz., 35c.

Sweet Mountain. Similar to the preceding in shape and color; but much larger and milder in flavor; used for stuffed pickles. Pkt., 10c.; oz., 30c.; ¼ lb., 75 cents; lb., \$2.50.

Pumpkins are usually raised in connection with corn, but will do much better when grown in rich, light soil by themselves. Plant in hills ten feet apart each way. A pound of seed will plant from two to three hundred hills.

Large Field. A large, yellow variety, and best for field culture. Very productive, and much used for cooking. This kind is best for feeding stock. Pkt., 5c. ¼ lb., 15c.; lb., 40c.

Large White Marrowfat. A fine large pea; good flavor. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$6.50.

Yorkshire Hero. A very fine large dwarf wrinkled variety, of good quality, and productive. Pkt., 10c.; lb., 12½c.; per 100 lbs., \$7.00.

Tall Sugar. Edible pods; purple blossom; the pods when very young are used the same as snap short beans; eating qualities superb; of extraordinary yielding qualities. Those desiring an edible podded pea should not fail to procure this variety. Height, four feet. Pkt., 10c.; lb., 25c.

Telephone. Immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging eighteen to twenty pods per stalk; the pods are of large size and closely packed with large, delicious peas. Second early, and also good for general crop; four feet. Per Pkt., 10c.; lb., 25c.; 100 lbs., \$15.00.

Bills' Abundance. Pods three to three and a half inches

Long Cayenne.

Long, red, hot, and pungent; dwarf growth.

Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.50.

Cherry Red. An exceedingly ornamental variety, red, round, very hot, and a great bearer. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.50.



Long Red Pointed.

more or less ribbed; skin smooth and glossy when ripe; color red, flesh thick, mild and pleasant to taste. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.50.



Long Cayenne.

Long Red Pointed. Brilliant scarlet, long, conical pods; very piquant, and are much used for seasoning. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.50.

Squash, or Tomato-Shaped. Fruit compressed and

PUMPKINS.

Connecticut Field. A large, yellow variety, hard shell, an excellent variety for field culture. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Mammoth. Grows to a very large size, sometimes weighing two hundred pounds, but is uncertain as to maturing. Pkt., 10c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

Cushaw (Crooked Neck). Similar in many respects to the Winter Crookneck Squash; flesh yellow, fine

"Please send me one of your New Seed Catalogues. I have tried your Seeds and like them very much, and intend to send you another order on receipt of your Catalogue." T. B. POLK, Cohasset, Cal.

grained and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Mammoth, or Large Tours. Grows to enormous size, has weighed as high as 200 pounds, frequently weighs 100 to 150 pounds. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.

RADISHES.

New French Breakfast. Very superior variety; oval, tipped with white; very tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

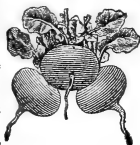


Rose, Olive-Shaped. Oval, tender and excellent; flesh rose-colored. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Scarlet, or Red Turnip. Round, flesh white and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

White, Olive Shaped.

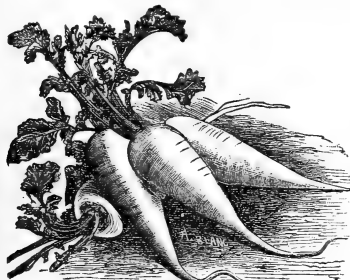
Similar to the rose except in color. Pkt., 5c.; oz., 15 cts.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00.



White Turnip.

Similar to Scarlet, or Red Turnip. Red, except in color; very tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Chinese Rose Winter. An excellent winter radish; medium size, fine. Pkt., 5c.; oz., 15c.; lb. \$1.35.



White Strasbourg.

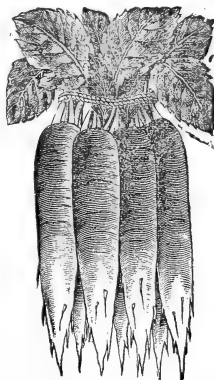
White Strasbourg.

A very desirable Summer variety and highly prized by market gardeners, all claiming it to be the quickest growing of all Radishes; both skin and flesh are pure white, firm and brittle, and of excellent quality. It grows to a large size and holds its table qualities well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Mammoth Chinese Radish. (True). A giant white Radish, often attaining the weight of three pounds. Grown by the Chinese, the seed of which is imported from China. The many inquiries from Eastern visitors for seed of this enormous Radish, induced us to place it upon the market. In order to have it pure and true, we have imported the seed direct from China. It is pure white, mild flavor, tender and crisp. It

Mammoth Chinese Radish.

should not be confounded with the variety offered in Eastern catalogues under the name of California Mammoth White Winter. Per pkt., 10c.; oz., 25c.



Improved Chartier Radish.

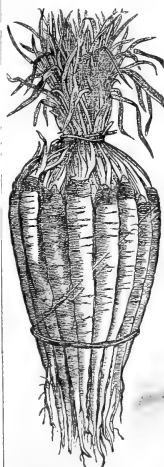
Improved Chartier Radish. The Chartier Radish is of a very attractive appearance being scarlet at top, shading to pink in the middle to pure white at tip. It resembles Long Scarlet in shape, but will grow to about twice the size. It continues growing for a long time without getting pithy or growing to seed. Very valuable for market gardeners as well as for private growers. Per pkt., 10c.; oz., 25c.; lb., \$1.50.

Early Long Scarlet or Salmon. Similar to Scarlet Short Top, but more of a Salmon color. Pkt., 5c.; oz., 10 cts.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

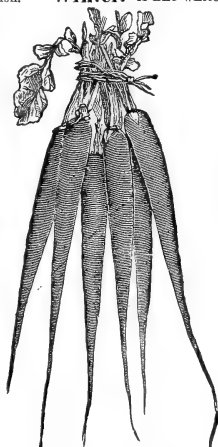
Russian White Winter. A fine white

radish, similar to Chinese Rose, except in color. Pkt., 5c.; oz., 15c.; lb., \$1.00.

Black Spanish Winter. A popular winter variety. Pkt., 5 cts.; oz., 10c.; lb., 70c.



Salsify.



Long Scarlet.

Long Scarlet. A popular, long, scarlet variety, six or seven inches in length. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

RHUBARB.

Victoria. A large variety. About the best for general use. Pkt., 5c.; oz., 25c.

Linnaeus. Large, fine flavored variety. Pkt., 5c.; oz., 20c.

SALSIFY, or Vegetable Oyster.

This is a vegetable, which, when properly prepared, resembles very much in taste and flavor the oyster, from which it takes its name. In growth it is much like the parsnip, having a long, white, tapering root, with a grassy

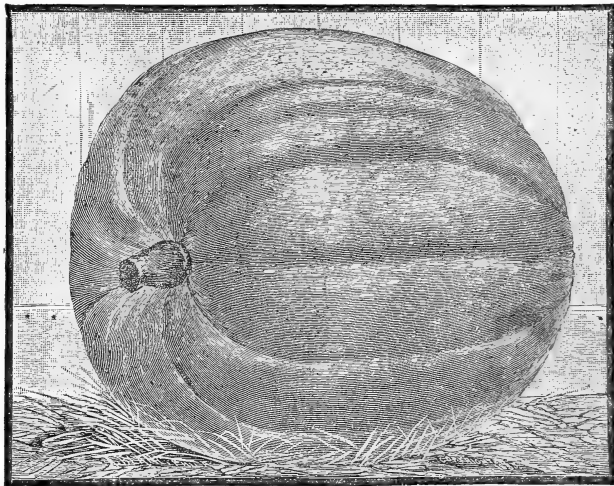
top. Sow in spring in drills twelve inches apart, and thin out to six inches in the drills. The roots may be allowed to stand out all winter. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

SQUASHES.

Our seed is saved from squashes especially grown for seed.

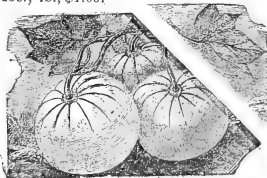
Essex Hybrid or Hard-shell Turban. This new and very excellent squash is a cross between a Hubbard

and the American Turban having the color, shape and superior qualities of the Turban, with the dryness and hard shell of the Hubbard. The flesh is very thick, rich colored and solid, having an extremely small cavity for the seeds. It is also one of the most productive squashes ever introduced, often growing in pairs on the same vine, within one foot of each other, and each squash weighing from eight to twelve pounds. It is very early, of quick growth. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.



Mammoth Chili.

Mammoth Chili. Size enormous, often weighing two hundred and sometimes three hundred pounds. Very profitable for stock-feeding, especially where root crops are not grown extensively. Remarkably productive. Pkt., 5c.; oz., 15c.; lb., \$1.00.



Perfect Gem Squash.

PERFECT GEM SQUASH.

This new and already popular squash is really a remarkable variety, inasmuch as it is equally desirable either as a summer or winter squash, and possessing the best features of both classes. It is a strong grower and a large yielder—as many as twenty-four squashes having been produced on a single vine. The squashes are from four to six inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. The flesh cooked is dry, sweet and rich in flavor, and free from the strong taste peculiar to the winter sorts. It is a splendid

keeper. We have kept them for a whole year in a cool, dry room. Pkt., 5c.; oz., 15c.; lb., \$1.10.



Early Bush Scallop.

Early Bush Scallop.

A good, early summer squash, taking but little room, and bearing abundantly. Plant in hills three feet apart. Pkt., 5c.; oz., 10c.; lb., 90c.

Early Yellow Bush Scalloped.

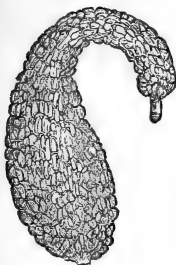
Similar to the preceding, but of a deep orange color. Both varieties

are often called "Patty Pan." Pkt., 5c.; oz., 10c.; lb., \$1.00.

Butman. Skin bright green, intermixed with white; thick shell and thick-veined. The flesh is of a lemon color, very smooth and fine grained, dry and sweet. Pkt., 5c.; oz., 10c.; lb., \$1.00.

Boston Marrow. A popular fall squash; thin skin, bright orange; orange flesh, tender and rich. Pkt., 5c.; oz., 10c.; lb., 90c.

"I also, with pleasure, recommend your Seeds, and cannot speak highly enough of them, as every one has proved just as you represent them." S. T. CLARE, San Diego, Cal.



Golden Summer Crookneck.

Hubbard. An excellent Squash, almost as good as the sweet potato. Pkt., 5c.; oz., 10c.; lb., 75 cents.

American Turban Squash. This is decidedly the best of fall squashes; as good for summer (also fall and early winter) as the Hubbard is for winter. Flesh orange-yellow, thick, fine-grained, sugary; and particu-

Golden Summer Crookneck. A small, crooknecked summer squash; skin bright yellow, covered with watery excrescences. Very early, productive, and of excellent flavor. Pkt., 5c.; oz., 10c.; lb., 85c.

Marblehead. A very good winter squash, resembling the Hubbard, sometimes quite as good, though more variable. Pkt., 5c.; oz., 10c.; lb., \$1.



Hubbard.



Livingston's Perfection.

larly well flavored. This must not be confounded with the showy but worthless French Turban, or Turk's Cap. Pkt., 5c.; oz., 15c.; lb., \$1.00.

Winter Crookneck. Of fair quality, very hardy, and a good keeper. Pkt., 5c.; oz., 10c.; lb., \$1.00.

Vegetable Marrow. Pkt., 10c.; oz., 20c.; lb., \$2.50.

For description see Novelties.

New Pine-apple. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

For description see Novelties.

SPINACH.

Bear in mind our prices include postage paid.

New Thick-leaved Round. Produces large thick, dark-green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed. Pkt., 5c.; oz., 10c.; lb., 45c.

Norfolk Savoy-leaved. The leaves are numerous, succulent, curled, and wrinkled like a Savoy cabbage. It produces nearly twice the weight of crop as the ordinary sorts, and is also the hardiest of all the varieties of spinach. Pkt., 5c.; oz., 10c.; lb., 60c.

Bloomdale Savoy-leaved. A large, curled, thick-leaved variety; the market gardeners' favorite. Pkt., 5c.; oz., 10c.; lb., 60c.

Prickly or Winter. Hardy for fall sowing. Pkt., 5c.; oz., 10c.; lb., 50c.

Large Round Viroflay. A variety with large, thick leaves, very superior to the ordinary round. Pkt., 5c.; oz., 10c.; lb., 60c.

TOMATOES.

Acme. This new tomato is one of the earliest and handsomest varieties yet introduced. The fruit is of a medium size, perfectly smooth, and regular in shape, very solid, and a great bearer. Color quite distinct, being a dark red with purplish tint. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.00.

The Trophy. This, when well grown, is without doubt one of the best tomatoes in cultivation. It is unsurpassed in size, in flavor, in productiveness, and in every other desirable quality. Our seed is carefully grown for us, and is saved only from perfect specimens, the finest fruits being selected each year for seed. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.00.

Livingston's Beauty. Ripens as early as the Acme; of smooth form, free from rot, keeps and carries well. In color, a rich glossy crimson with a slight tinge of purple (lighter than the Acme). It is valuable for market from its solidity, toughness of skin, and from the fact that it will ripen up well when picked green. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Essex Early Hybrid. This is one of the handsomest shaped and most profitable tomatoes for the market in cultivation. Very early, solid, rich flavored, large in size, grows perfectly smooth, and is very productive. Color is of a bright pink. It always ripens all over alike, leaving no green spots around the stem. The flesh being very hard and solid, it will keep a considerable while after being ripe without rotting. It is very productive, and a vigorous grower, fruits very evenly on the vines, without any rough fruit, bearing scarcely any fruit which is not fit for the market. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Livingston's Perfection. This new variety is, shaped like the Acme, somewhat larger, the same flavor, fully as early, perfectly smooth, solid, almost round, blood red in color, with more flesh and fewer seeds, ripening all through at the same time. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

General Grant. A very superior variety; fruit large, of good quality, and ripens rapidly and thoroughly. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.00.

Extra Early Red. One of the earliest; very prolific, fair size, and of excellent quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.00.

Large, Smooth, Round Red. The old, standard sort; large, smooth, solid and very productive. An excellent market variety. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.00.

Large Red California, or Fejee. Fruit large, light red, or pinkish color; very solid and well-flavored; a good late sort. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

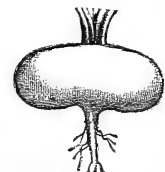
Mayflower. This new variety is one of the earliest of the large kinds in cultivation, at least one-third larger than the Early Acme; of a bright red color; ripens evenly up to the stem, and presents a beautiful appearance: shape globular, slightly flattened, perfectly smooth; flesh solid, and unusually free from seeds. Pkt., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Canada Victor. An early variety, originating in Canada; fruit solid, and of rich flavor. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Conqueror. Of good size, uniform in shape, color deep red; flesh solid, of rich, mild flavor; it ripens well up to the stem, and is exempt from cracking. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

TURNIPS.

Our turnip seeds are all choice Philadelphia grown, and prices include postage paid; if ordered by express or freight, deduct eight cents per pound.



Early White Flat Dutch. 10c., $\frac{1}{4}$ lb., 25c.; lb., 75c.

Early White Flat Dutch. Medium size and early. Of excellent quality while young and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Early White Stone. Something that resembles the White Dutch; but more round, stronger foliage, and finer texture. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Purple Top Strap Leaf. An excellent early variety, large size, and purple color above ground. Flesh fine grained, and exceedingly rich. This is the best variety cultivated. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

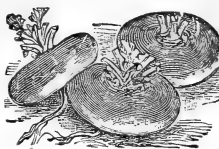
White Norfolk. A large English variety, somewhat irregular in form. The upper portion of the root sometimes growing four or five inches above the ground. Flesh white, and cross-grained, but sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

White Egg. A valuable new variety of very rapid growth; egg-shaped, with thin white skin. Very solid, firm, fine-grained flesh, of sweet, mild flavor. It grows to a good size and is excellent either as an early or late variety; keeps well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Robertson's Golden Ball, or Orange Jelly. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Purple Top White Globe. A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Yellow Aberdeen, or Scotch. Hardy, productive, and a good keeper; globe-shaped, yellow, flesh firm; good for table use or feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

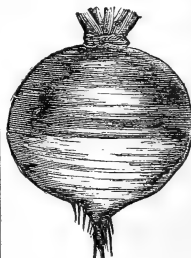


Purple Top Munich Turnip.

than Red Top, as the neck is smaller. It is beyond all comparison the variety for early market, and every one of our customers will indorse it as a decided acquisition. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Large Yellow Globe. Handsome, globular shape; color pale yellow, with greenish top. One of the best for a general crop, either for table use, or for stock; keeps hard and brittle until late in the spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

RUTA BAGA, OR SWEDISH TURNIP.



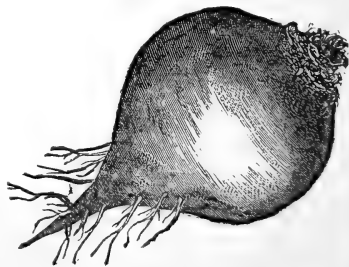
Skirving's Purple Top.

The Ruta Baga succeeds best in deep, rich, mellow soil, which should be deeply plowed and well pulverized before sowing the seed, which should be in hills or rows, eighteen inches apart. A pound of seed is sufficient for an Acre.

Skirving's Purple Top. A fine variety, bulb ovoid, surface smooth, with but few fibrous roots. Flesh yellow, of solid texture, sweet and well flavored. Under a high state of cultivation upward of nine hundred bushels have been raised from an acre. Pkt., 5c.; oz., 10 cents; $\frac{1}{4}$ lb., 25 cents; lb., 75 cents.

Sweet German. Large, white, sweet, excellent, a first rate keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Long White, or Cow Horn. Matures very quickly; roots shaped like a carrot, about half of which is formed above ground; flesh white; fine grained and sweet, and of excellent quality for table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.



Cox's Improved Yellow Ruta Baga.

Cox's Improved Yellow Ruta Baga. This magnificent Swedish is the result of judicious selections; it is the hardest, most productive, and most nutritious variety; it is a large, purple-top yellow variety; shape slightly oblong, with single tap root, free from coarseness

"I am sorry that I did not write to you earlier in the season. Your Seeds have a fine reputation in this part of the State." E. L. FOOTE, San Diego, Cal.

of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, and keeps sound and good until late in the spring; flesh always sweet and rich in flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.

Lain's Strap-leaved Improved. Very early and handsome; yellow flesh; fine for table use. Pkt., 5c.; oz., 10c.; lb., 75c.

Carter's Imperial Hardy Swede. An English variety, highly recommended as producing extraordinary crops. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

AROMATIC AND SWEET HERBS.

10c. per Packet, except where noted.

ANISE.	BORAGE.	DILL.	LAVENDER.	SAFFRON.	WINTER SAVORY.
BALM.	CARAWAY.	FENNEL.	ROSEMARY.	SUMMER SAVORY.	WORMWOOD.
BASIL, SWEET.	CORIANDER.	HOREHOUND.	RUE.	SWEET MAJORAM.	TARRAGON—20cts.

Sage. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Thyme. True broad leaved English. $\frac{1}{4}$ oz., 30c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

TOBACCO SEED.

—♦—♦—♦ PER PACKET, TEN CENTS. ♦—♦—♦—

Sterling. The newest and brightest of the yellow type; and being the earliest to ripen, is *surest* in localities liable to early frosts. Oz., 25c.; lb., \$2.50.

Primus. Leaves large, fibres fine and texture silky. Yields big crops of extra fine quality. Suited for manufacturing of cigars. Grows rapidly and may be relied upon to ripen with **STERLING**. New and scarce. Oz., 25c.; lb., \$2.50.

Sweet Oronoko. Used for first-class plug fillers, and makes, when sun-cured, the best Natural Chewing Leaf. A favorite for the "Homespun" wherever known. Known as Little Oronoko in some localities. Makes an Eastern Filler unsurpassed. Oz., 25c.; lb., \$2.50.

Latakia. A Turkish variety which stands heat and drought beyond all others, and may be topped to twenty-five leaves or more. Possesses a very agreeable odor and flavor. Per Pkt., 25c.

Flanagan. Originated in Henry County, Va., and is greatly used for making sweet fillers and mahogany wrappers. It is a variety of the Old Sweet Oronoko, with broader leaves and finer texture. Oz., 25c.; lb., \$2.50.

Big Oronoko. An old variety and a good tried one. Has a large, broad, finely-shaped leaf, and for strips and dark wrappers has no equal. Oz., 25c.; lb., \$2.50.

Blue Pryor. The genuine James River favorite. Rich shipper, superior to the Kentucky Blue Pryor. Oz., 25c.; lb., \$2.50.

Connecticut Seed Leaf. The largest, finest and best of this indispensable kind. Every seed-stock carefully selected. Oz., 25c.; lb., \$2.50.

Hester. A new variety, originated in Granville County, N. C., and has no superior for the yellow type, and makes fine cigar stock. It has size, shape, texture, and color, and ripens early. It recommends itself greatly in this, that it has greater adaptability over a wider range of soils and latitude than any other of the yellow varieties, and may, on this score, be considered the surest. Oz., 25c.; lb., \$2.50.

Yellow Oronoka. A reliable old yellow variety, grown for more than fifty years, and improved with reference to the production of yellow stock. Oz., 25 cents; lb., \$2.50.

Yellow Pryor. Preferred by many for brights, and succeeds where other yellow sorts fail. The West is giving it preference. Oz., 25c.; lb., \$2.50.



Pennsylvania Seed Leaf. Gessner and other superior kinds. The best grown in the famous Lancaster County district. Oz., 25c.; lb., \$2.50.


General Grant. One of the finest, earliest and most popular kinds of cigars. Grows more in demand every year. Oz., 25c.; lb., \$2.50.

Havana. Grown from imported seed—Vuelto de Abajo—direct. Better than imported seed for American Planters. Oz., 50c.; lb., \$4.00.

Big Havana. A Hybrid Havana or Cuban Seed-leaf. A heavy cropper, of fine texture, delightful flavor, and the earliest cigar variety to mature and ripen. Will make two crops from one planting in the South, whilst its earliness makes it most desirable for high latitudes. The best Americanized Havana. Oz., 50c.; lb., \$4.00.

NEW CROP GRASS AND CLOVER SEEDS.

—♦—♦—♦ If ordered by Mail, 10 cents per Pound must be added. ♦—♦—♦—

 We claim that we sell the **highest grades of Grass and Clover Seeds that are offered in this country.** The difference in price between choice, clean seed, and second or third quality, is from one to two cents per pound. We do not intend to compete with samples offered by commission merchants, many of whom have no knowledge of the Seeds they sell, whether good, bad or indifferent. Should the Seed prove poor or mixed, the loss to the planter is ten times more than the entire cost of the Seed. Every intelligent farmer knows that the best Seed that can be obtained is the cheapest in the long run. Customers of course understand that the prices of Grass and Clover Seeds are subject to change. **Be sure and obtain our samples and prices before you buy elsewhere.** Special rates on large quantities.

25 Pounds at 100 Pound Rates.

Alfalfa, or Lucerne. (*Medicago sativa*). Alfalfa, a perennial plant, is a species of Lucerne, sometimes called Chili clover, and is one of the most nutritious clovers known, and has excited the liveliest interest among the California stock-growers, from its immense yield and perfect fattening qualities. But to be grown successfully, it must have a fine loamy soil, deep and alluvial in its nature, and have bountiful supplies of moisture. It grows continuously. There is no cessation of growth during any part of the year, though somewhat retarded by cold weather. Twenty to twenty-five pounds of seed to the acre. Lb., 20c.; 100 lbs., price on application.



Perennial Rye Grass.

Perennial Rye Grass. Is held in high esteem for pasturage, soiling and the formation of lawns; in habit somewhat like Orchard Grass, and it is possible that, united on the same meadow, it would be profitable. It ripens early, and should be cut when in blossom, making a large return of very nutritious hay, of which stock is very fond. Is naturally adapted to a variety of soils, but succeeds best on moderately moist land. In a choice mixture for permanent pasture, it would form a valuable adjunct. Sow fifty pounds to the acre. Lb., 15c.; 100 lbs., \$7.

Italian Rye Grass. Is one of the most valuable grasses in Europe; in England, recommended as the best to cut green for soiling, and excellent for grazing. One great merit is its rapidity of growth, which makes it even valuable for one season. It affords repeated large and nutritive crops. When sown with other grasses, but a small quantity of seed should be used, for if too thick, it is liable to choke the others out. It grows best in rich, moist meadows. Sow forty to fifty pounds to the acre. Lb., 15c.; 100 lbs., \$10.00.

Timothy. (*Phleum pratense*). This is decidedly the best grass for hay, making a large return on strong rich clay, of medium state of moisture; though somewhat coarse and hard, especially if allowed to ripen its seed, yet, if cut in the blossom, or directly after, it is relished by all kinds of stock, and especially so by horses, while it possesses a large percentage of nutritive matter in comparison with other agricultural grasses. It grows very rapidly, and yields very large crops on favorable soils. It can never be used effectually as a pasture grass. It will take from twelve to fifteen pounds per acre. Lb., 10c.; 100 lbs., \$6.00.



Timothy.

Red Top (*Agrostis vulgaris*). A valuable grass for moist soils. It is a good permanent grass, standing out climate as well as any others, and consequently well suited to our pastures, in which it should be fed close; for, if allowed to grow up to seed, the cattle refuse it. On moist, rich soil, it will grow two feet, and on poor gravelly soil, about half that height. Thirty pounds are sown per acre. Lb., 15c.; 100 lbs., \$8.00.

Orchard Grass (*Gladiolus glomerata*). This is one of the most valuable and widely known of all pasture grasses, coming early in the Spring, and remaining later in Autumn than any other; it grows about two and a half feet high, producing an immense quantity of leaves and foliage. It is well adapted for sowing under trees or orchards, and very valuable for grazing or for hay. It requires from thirty to forty pounds to sow an acre. Lb., 20c.; 100 lbs., \$12.00.



Orchard Grass.



Kentucky Blue Grass.

Kentucky Blue Grass (*Poa pratensis*). This grass yields, at a very early period of the season, herbage of the most nutritious properties; thrives in moderately dry soils; extensively grown in many parts of the country, but used principally for grass plats and lawns. Sow for lawns seventy to ninety pounds per acre. Lb., 25c.; 100 lbs., \$16.00.

Australian Rye Grass (*Lolium perenne*). Very nutritious, and valuable for permanent pastures. Fifty to seventy-five pounds of seed per acre, when used alone. Lb., 15c.; 100 lbs., \$7.00.

Creeping Bent Grass (*Agrostis stolonifera*). Very valuable for lawns, also well adapted for permanent pastures, especially in moist situations. Sow fifteen to twenty pounds per acre. Weight, 14 lbs. per bushel. Lb., 20c.

Rhode Island Bent Grass (*Agrostis canina*). Root creeping, interlacing so as to make a very firm sod; for this reason sown by many alone for lawns, for which it is very good, though we always advise mixtures for that purpose. It is a perennial, flowering in July; is usually of low size, six to twelve inches high; useful as a pasture grass in moist or wet places. If sown alone for lawns, use from 35 to 50 lbs.; for pastures, about 25 to 30 lbs. Price per lb., 40c.

Common Millet (*Panicum miliaceum*). Requires a dry, light, rich soil, and grows two and a half feet to four feet high, with a bulk of stocks and leaves, and is excellent for forage. Sow in drills, or broadcast, from May 1st to June 20th if for seed, or until the last of July if for hay. For grain, sow in drills; use fifteen to twenty pounds per acre. If for hay, sow broadcast twenty-five to thirty pounds. Lb., 10c.; 100 lbs., \$5.00.

Hungarian Grass (*Panicum Germanicum*). A valuable forage plant. Succeeds well on dry, light soil; withstands the drouth remarkably, remaining green when every other vegetation is parched up; and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast at the rate of twenty to thirty pounds to the acre, and cultivate the same as Millet. Lb., 10c.; per 100 lbs., \$5.00.

Egyptian, or Pearl Millet (*Penicillaria spicata*). This is perhaps the most wonderful forage plant that has ever been introduced. The *Rural New Yorker* publishes its experience with Pearl Millet on its trial grounds. From a single seed fifty-two stalks were produced, weighing forty-two and a half pounds. The highest stalk was ten feet one inch, and the circumference of the plant was thirteen feet nine inches, three feet from the ground. Several plants were cut August 1st, and the subsequent growth was nine pounds per plant, making over fifty pounds of green fodder from a single seed. When the plant first comes up, the stems are prostrate, but assume an upright position when two feet long. Stock eat it with great avidity. It can be cut three or four times, sprout-

"I have taken your Seeds for the last seven years and find them reliable. I have lived here for the last twenty-three years. You can publish this if you wish." JAMES ROSS, Eagleville, Cal.

ing readily, and growing rapidly after each cutting. It is probably fully equal to sweet corn for fodder, and will yield five times the quantity on the same ground. We hope all our farmers will give it a trial. It should be sown in drills, dropping about two or three seeds two feet apart in the drill; the drills should be three feet apart, as plenty of room is required for its growth. Four pounds of seed are sufficient for an acre. Lb., 40c.; 5 lbs., 35c. per lb.

German Millet. The farmers and stock breeders of this country have long been on the lookout for the "good forage plant," something to fall back upon in an emergency, when the hay crop is likely to fail. For this purpose we believe nothing has as yet been found which will compare with pure German Millet. It will grow in almost any climate, in wet or dry, rich or poor land; never falls down; ripens gradually, which gives ample time to harvest it; can be cut with a mower and stacked as hay, or with a reaper and bound as wheat or oats; will yield from two to four tons of good hay, and forty to seventy-five bushels of seed to the acre, and requires about sixty days to perfect a crop. It will grow from four to nine feet high; a blade, resembling that of young corn, comes out alternately about every five inches on the stalk. When well matured, the stalks are soft, and readily eaten by all kinds of stock. The Seeds are no less valuable than the hay, as they are readily consumed by horses, sheep and fowls. Twenty-five to thirty-five pounds will sow one acre. Lb., 10c.; 100 lbs., \$6.00.

Mesquite (*Holcus lanatus*). Valuable on the cleared redwood and pine lands of California and Oregon, giving large crops of hay, and good pasture, but not considered as nutritious as some other grasses. Thirty-five pounds to the acre. Lb., 12c.; 100 lbs., \$7.00.

Sweet-Scented Vernal Grass. This is one of the earliest spring-grasses, as well as one of the latest in autumn, and is also the only grass which is fragrant. It is principally sown in connection with other grasses, in mixtures, for pastures, lawns, etc. Lb., 85c.



Red Clover.

Red Clover. This invaluable plant may justly be placed at the head of the list. By its judicious use lands which have been exhausted by too severe a course of cropping, may be brought back to their pristine fertility, and fresher and inexhausted fields preserved in undiminished vigor. It succeeds on any soil of moderate fertility, if sufficiently dry; may be sown in autumn or winter at the South, or in the North upon the snow, immediately previous to its disappearance, by which the seed is distributed with regularity, and carried down into the crevices of the soil. A dressing of one bushel of gypsum per acre will immensely increase the clover crop. From fifteen to twenty pounds of good seed is required for an acre, more being necessary on old or stiff soils than on new and lighter ones. Lb., 20c.; 100 lbs., \$11.00.

White Dutch Clover. An excellent pasturage grass, forming, in conjunction with the Kentucky Blue Grass, the finest and most nutritious food for sheep and cows. Its flowers are also a favorite resort for the honey-bee. It succeeds on all rich clayey lands, if not too wet. Sow ten pounds per acre. Lb., 35c.; 100 lbs., \$18.00.

Alsike, or Swedish Clover (*Trifolium hybridum*). The most hardy of clovers. It resists the severest cold or extremes, or drouth and wet, yields large crops of superior hay, and may be cut several times in a season on rich soils. It produces superior pasturage much liked by cattle. It is well suited to sowing on lands liable to wash, as its long, fibrous roots spread over a wide area, and so

interlace and hold the soil as to resist the heaviest rains. Can be planted on any soil; stalk fine and palatable. Its blossom-heads are round, somewhat resembling white clover in shape; flesh-colored; very sweet and fragrant, being much liked by bees. It seeds freely and is easily threshed. The seeds are fine, and require only about four pounds per acre. Sow in spring or fall. Lb., 25c.; 100 lbs., \$16.00.

Arabian Evergreen Millet (*Sorghum halapense*). "Johnson Grass," also sometimes called Green Valley Grass, and *Panicum spectabilis*. It is claimed that it is the most valuable forage-plant known, taking into consideration its adaptability to all kinds of soil and climate, and its resistance to drouth. It will thrive for months without moisture, which makes it specially adapted to the dry plains or *mesas* of California, or wherever there is but little rainfall. The best time to sow the seed is late in the fall and during the winter—any time before hot weather. Prepare the ground the same as for timothy or any other grass; sow broadcast ten to fifteen pounds of seed to the acre. The seeds are small, don't cover them too deep. Lb., 25c. by mail; 100 lbs., \$15.00.

Burr Clover (*Medicago maculata*). An excellent fodder plant for the South, not being affected by drouth or Southern winters. The stems soon spread over a large area. Stop grazing in April, when it will shoot up and spread rapidly, producing a large crop of seeds, then die down to come up again in August or September. The same ground may be cultivated to another crop in summer by leaving the space of one foot unbroken between the rows. The seeds are contained in small, burr-like pods, hence its name. Being difficult to thresh, the seed is sold in the burr—a bushel weighing about twenty-five pounds. A bushel of the burrs should be sown per acre, in fall. Lb., 15c.; 100 lbs., \$8.00.

Esperette, or Sainfoin (*Hedysarum onobrychis*). This is a leguminous plant, with many stems from two to three feet long, straggling, tapering, smooth; leaves in pairs of pointed, oblong leaflets, slightly hairy on the under side; flower stalks higher than the leaves, ending in a spike of crimson or variegated flowers, succeeded by flat; hard pods, toothed on the edges and prickly on the sides; roots perennial and hard and woody; flowers in July. It will take twenty to thirty pounds to sow one acre. Lb., 25c.; 100 lbs., \$17.00.

Alfalfa. This is an exceedingly valuable and nutritious forage plant, reputed to impart an excellent flavor to milk and butter. It is found growing more extensively in the interior mountainous districts of California, Oregon and Mexico. It has been very much inquired for of late by many of our largest cattle men. Cattle on the Coast Ranges thrive where there is no other forage than that which they can get by grazing where this plant grows. The seed is very difficult to gather; we have obtained a limited supply of the seed which we offer Per pkt., 25c.; per lb., \$1.00.

Japan Clover (*Lepedeza Striata*). This is a most valuable clover for grazing purposes and in rich ground makes most excellent hay. While known for many years, not until the past three years has the seed been upon the market for sale. For milch cows it is peculiarly desirable, making a large flow of milk.

This must be sown in the Spring, and at the rate of ten pounds per acre. The Seed is usually ready for market early in December. Lb., 50c.

Bermuda Grass. Lb., \$1.50.

MR. MOHR, says:

It thrives in the arid, barren drift sands of the sea-shore, covering them by its long, creeping stems, whose deeply penetrating roots impart firmness to a soil which else would remain devoid of vegetation. It is esteemed one of the most valuable of our grasses, either in the pasture or cured as hay.

Eight to ten pounds of seed to the acre, which must be sown during the hot weather.

COX'S EVERGREEN LAWN MIXTURE.

Several years of experience has enabled us to select the finest imported and native grasses, valuable for lawns and croquet grounds, that will best stand the long dry season of California; this improved mixture forms a heavy sward that keeps green in our driest Summers. 1 lb., 35c.; 100 lbs., \$25.00.

Prepare the ground by thoroughly digging and pulverizing; add some good fertilizer so as to give the young grass a good start. After sowing make the soil firm and keep moist until the seed germinates. It must be remembered, that much of the fine appearance of lawns depends upon the regularity of mowing; if let too long before cutting, the grass becomes coarse and patchy and its smoothness is destroyed.

MISCELLANEOUS AGRICULTURAL SEEDS.

By Mail, 10 Cents per Pound must be added.

Sugar Cane—Early Amber. This is by far the best variety for sugar, as it matures quickly, and has been cultivated as far north as St. Paul, Minnesota. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder it possesses important advantages. Per lb., 15c.; 100 lbs., \$9.00.

Kafir Corn. It made two crops of seed; first crop was ripe in August, second in October. From four to five feet high, making a straight upright growth. It has a stalky stem, with numerous wide leaves. The stalks keep green, and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The seed heads form at the top of each stalk, and as soon as these show the grain well, the joints next below the top send up shoots which yield the second seed heads. If grain, chiefly is desired, these heads may all be allowed to mature on the stalk, and then the whole stalk may be cured into fodder; for it is not, even then, so hard but that it will be easily cut up and well eaten by cows and mules. But if the crop is wanted mainly for

fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom, at which stage it cures admirably and makes most excellent forage. The second growth, springing at once from the roots, will still mature a full crop of grain and a second full crop of forage before the middle of October. Sow in rows three feet apart, three to five pounds of seed to the acre. Lb., 25c.; 100 lbs., \$17.00.

White Milo Maize, or Branching Dhoura. Of South American origin, already well advertised and distributed. Valuable as a forage plant and for its grain, having great capacity to stand a drouth. It can be cut and fed at any stage, or cured, when heading out, for fodder. It bears grain in erect, full heads, and is almost equal to corn for feeding all sorts of stock; also makes excellent meal. It requires all summer to mature seed. Plant in April, three to five seeds in a hill, eighteen inches apart, four to five rows, and thin to two plants and cultivate as corn. It shoots out greatly, and makes a great amount of forage. Three to five pounds per acre. Can be cut for green feed several times a season. One acre yielded forty bushels of seed for us this season. Lb., 25c.; 100 lbs., \$17.00.

Teosinte (*Reana breuvariana*). This gigantic grammae of Central America somewhat resembles Indian Corn. It produces a great number of shoots, growing twelve feet high, very thickly covered with leaves, yielding an abundance of forage. In the North, a single seed will make from twelve to sixteen stalks. It surpasses either corn or sorghum as a soiling or fodder plant. Planted three feet apart, it will cover the ground by Autumn with only ordinary culture. Pkt., 10c.; oz., 25c.; lb., \$2.50.

Spring Vetches, or Tares (*Vicia sativa*). A species of the pea, grown extensively in England, and to a considerable extent in Canada for stock, but not much used in the States. Culture same as field peas; eighty pounds to the acre. Lb., 15c.; 100 lbs., \$9.00.

Flax (*Linum usitatissimum*). Sow late enough in the Spring to avoid frost, and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is one-half bushel, when cultivated for seed; if for the fibre, a larger quantity should be sown. Cut before quite ripe, and, if the weather be dry, let it lie in a swath a few hours, when it should be raked, bound and secured from the weather; thresh early in the Fall, and in dry weather. Lb., 10c.; 100 lbs., market price.

Mammoth Russian Sunflower. Highly recommended for poultry; the best egg-producing food known. It can be grown cheaper than corn, yielding over one hundred bushels to the acre. The leaves make splendid fodder, much relished by all kinds of stock. Pkt., 5c.; lb., 25c.

Rice—Wild (*Zizania aquatica*). The wild rice of the North and West is a valuable forage plant for swamps and overflowed land, also highly esteemed for sowing along water courses to attract fowl. Excellent, either green or cured. Our seed stock gathered by the Indians, on Rice Lake, Canada, the past season, is of the finest grade, one that we can recommend to sportsmen's clubs for wild duck feeding. Lb., 30c.

Broom Corn, Improved Evergreen. Grows about 7 feet high, brush of good length, and of a green appearance when ripe. Lb., 10c. extensively sown in our southern states. It thrives in any good corn ground. Sow in drills about eight inches apart, four pounds to the acre. Requires no cultivation, as it will outstrip in growth any and all weeds. May also be sown broadcast, 6 or 7 lbs. to the acre. Lb., 75c.; oz., 15c.



Teosinte.

Jute. An annual plant. In Bengal the fibres of this plant are used for making the coarse sacks in which coffee and sugar are packed. A coarse kind of wearing apparel is also made of it. It is cultivated quite extensively in the East Indies, China and Japan, and is now

Poppy—Opium. Its seed furnishes about 35 per cent of an agreeable, sweet oil, good for eating, painting and illuminating. May be sown in spring, either broadcast or in drills, covering with but little earth. It is also cultivated for opium. Oz., 20c.

Ramie—Silver China Grass (*Urtica nivea*). This is the variety now so extensively cultivated in the south for its fibre. The seed should be germinated by sowing it on cotton floating in a tub of lukewarm water, and transferring it to a bed well screened from the hot sun. When the plants are four inches high, transplant to a field in rows four feet apart each way; and when plants are three feet high, turn them over and peg to the ground, after which cover them with earth, and they will start from every joint and in every direction, completely covering the field in a short time. Lb., \$10.00; oz., \$1.00.

Peanut. The peanut thrives and produces best on a light, sandy, tolerably fertile soil, with a good clay subsoil. It possesses a long tap-root, which extends deep into the earth, drawing thence the nutriment which is beyond the reach of many of our cultivated crops. The soil should be deep and mellow and well broken up, so as to be ready for planting soon after frosts are over. April is a suitable time. They may be planted in the pod, or shelled, two in a hill; it is best to drop about four in a hill on the level ground, the rows being laid off three and a half feet wide, and the hills two feet asunder; cover them two or three inches. When they come up, thin

them to two in a hill, and if there be any vacancy, transplant. It is better to plant them level than on ridges, as they are less liable to suffer from drouth. The only after-culture they require is to keep the ground clean and mellow, and a slight hilling up when they are laid by. They will produce from 25 to 75 bushels per acre, according to soil and culture, and are as easily cultivated as corn. Lb., 15c.; 100 lbs.; market price.

White Egyptian Corn. Lb., 10c.; 100 lbs., market price.

Brown Egyptian Corn. Lb., 10c.; 100 lbs., market price.

White Mustard. Lb., 15c.; 100 lbs., market price.

Hop Seed. Oz., \$1.00.

Lentils—Best Imported. Succeed best in dry, sandy soil. A leguminous annual, the seeds of which are valuable for pigeons, and also largely used for soups. 100 lbs., \$9.00; lb., 20c.

BIRD SEED.

Canary. Lb., 10c. **Millet.** Lb., 10c.

Hemp. Lb., 10c. **Maw.** Lb., 25c.

Rape. Lb., 10c. **Mixed Canary.** Lb., 10c.

COTTON SEED.

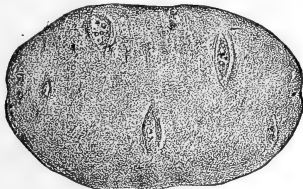
Tennessee Upland. 25 lbs. to the acre. 25 cts. per pound.

It is well known that Seed Potatoes from the North do much better than home grown Seed.

SEED POTATOES—NORTHERN GROWN.

The price of **all varieties** is Twenty-five Cents per Pound; Five Pounds for One Dollar, by mail, carefully packed and sent Post-paid to any address.

Early Rose. This variety is so well known that it needs no description, having been in cultivation for the last ten or twelve years. Our stock is true, and not the mixture generally to be found in the market. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

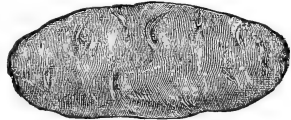


Early Vermont.

Early Vermont. This variety has proved one of the most reliable Potatoes, being earlier, larger, more pro-

lific, and of much better quality than the Early Rose. Cooks dry and mealy and keeps well. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

Dakota Red. This new variety proved last season all that was promised for it, and is without doubt one of our best medium late varieties. It is a smooth, oblong tuber, with light red skin, white flesh and fine grain. Four hundred bushels are said to have been raised on one acre last year. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

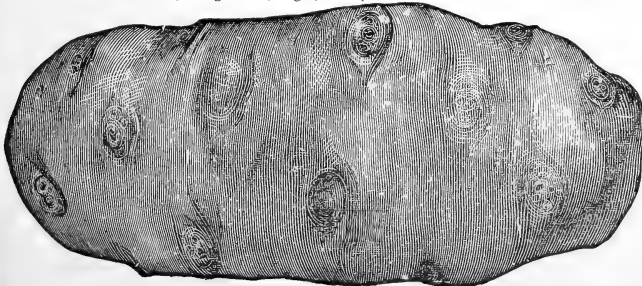


White Star.

White Star. This new variety has become one of our leading sorts. It is a medium

early, and a remarkable keeper; the vines are strong, stocky, and vigorous; foliage is dense and dark green; the tubers are oblong, large, uniform and handsome, while in yield it has proved remarkably productive. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

Burbank's Seedling. White skinned, few eyes, fine grained flesh; very productive; ripening between the early and late varieties. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.



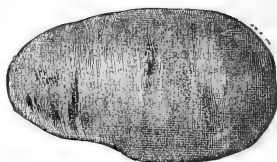
Burbank's Seedling.

Early Snowflake. Of medium size, uniform shape; skin white, with russety tinge; flesh fine grain, snow white when cooked, and of remarkable mealiness, and pure delicate flavor. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

Peachblow. A medium or second early variety; flesh pure white, floury and of good flavor. An abundant producer, keeping qualities perfect. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

St. Patrick. Closely resembling Burbank's Seedling; smooth, white skin; eyes few and near the surface. Medium early; strong, vigorous grower, and very productive. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

Early Sunrise. A very early and productive variety. Tubers are oblong, solid, uniform and handsome; the flesh is white, fine grain and dry, cooking well even when first dug. Strongly recommended. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.



Chicago Market.

Chicago Market. Extra early. Has given general satisfaction both east and west. Resembles the Early Rose in many respects, but is earlier, and has all the vigor of a new variety. Tubers large and uniform; skin light flesh color, partially russet-coated; eyes few and shallow; flesh dry and of excellent flavor. Very productive. 25 lbs., 3c. per lb.; 100 lbs., \$2.50.

TREE AND SHRUB SEEDS.

HOW TO GROW THEM.

THE growing of Forest Trees from Seeds is, in the case of some varieties, a very simple and easy process, requiring but little care or skill on the part of the grower.

Other varieties require special treatment and greater care and attention to insure success; while some are very difficult to grow, and with such planters are not very likely to succeed until after having made repeated failures.

One important fact in connection with this subject must always be kept in view, and that is, **it takes time for these Seeds to germinate**, in some cases only a few days, in others, several weeks; while quite frequently they will lie dormant the whole season before commencing to grow. It often happens that Seeds of a given variety, all taken from the tree at one time, sown together and subjected to the same treatment, will show great irregularity in time of germinating, some coming up in a few days, others not until the next season, and still others not until the season following.

Conifers and Evergreen Tree Seeds should be kept in perfectly dry sand until the time of sowing, if this cannot be done readily, place them in a cool, dry spot, where mice will not eat them. **Chestnuts and Walnuts** should be planted in the Fall, or kept during the Winter in sand or moss; they shrivel up by too long exposure to the air, and many of them lose their power of vegetating entirely. **Apple, Pear, Quince Seed, Cherry Pits, Peach Pits**, also those with hard shells like the **Locust, Magnolias**, etc., should be placed in boxes with sand and exposed to frost before planting, otherwise they may not vegetate until a second year after planting; but if these Seeds arrive too late in the Spring to expose them to the action of the frost, they may be put into a vessel of hot water for an hour or so before planting. We also recommend for Peach Pits and Mazzard Cherry Pits, to break the shell and plant the kernel only. The Seeds of other **Deciduous Trees and Shrubs**, with few exceptions, can be planted from the end of March to the middle of May with great success.

The soil should be deep, mellow and rich; if not so, make it so by deep spading and thoroughly pulverizing the ground. If not rich, apply a good liberal dressing of any old, well-decomposed manure; mix thoroughly with the soil and rake down all smooth and level, and your seed bed is ready. Now draw a line across one side of the plat, and with the hoe make a shallow trench from a half to one inch deep, according to the size of the seed to be sown; make the trench about six inches wide, scatter the seeds over the bottom, but not too thickly, and then draw the soil back and cover the seeds to the depth of about the thickness of the seeds as evenly as possible, then press the beds gently with the back of the spade to make firm the earth around the seeds.

Great care must be taken not to give too much water, as the young plants imbibe moisture very easily. Water with a fine hose, but never so that the ground becomes soggy. Some shade must be used to protect the young plants from the hot, drying sun and winds, and also to keep the birds from destroying them.

The trenches or drills are to be two feet apart, so that the hoe or garden cultivator can be employed in cultivation. Keep the soil loose between the rows, and keep them well clear of weeds. Seeds of the rarer sorts may be sown in cold frames or in boxes; if in cold frames, the sashes should be shaded and the frame raised at the corner three or four inches to allow the air to circulate freely.

Allow the young plants to remain from one to two years before ripening.

CALIFORNIA TREE AND SHRUB TREES.

Price per Packet, 25 Cents.

Abies Douglasii (Douglas Spruce). A very large and important timber tree, 200 to 300 feet high, of pyramidal shape. Found throughout the rocky mountains, from Oregon to Mexico. Very hardy. Oz., 50c., lb., \$5.

Abies Mertensiana (Tsuga M., Hemlock Spruce.) A very large tree, 150 to 200 feet high, with rather thick, red-brown bark. Very hardy, ranging from California far into Alaska. Oz., 60c.; lb., \$6.00.

"The last order for Shrubs received Saturday. They came in perfect order." MRS. SAUER, San Luis Obispo, Cal.

Abies Menziesii (*Picea sitchensis*). Peculiar to the Northern coast, mostly in wet, sandy soil near the mouth of streams; probably the tallest spruce known; an excellent timber tree; pyramidal in form. Very hardy. Oz., 60c.; lb., \$6.00.

Cupressus Goveniana (Goven's Cypress). Thirty to forty feet high; very ornamental; found in the coast ranges of Monterey. Oz., 40c.; lb., \$4.00.

Cupressus Macrocarpa (Monterey Cypress). A tree forty to sixty feet high, with rough bark, spreading, horizontal branches, with rich, green foliage; very ornamental for lawns or parks; also used extensively for hedges. Oz., 15c.; lb., \$1.00.

Cupressus McNabiana (McNab's Cypress). A small tree, six to ten feet high, found about Mt. Shasta, at 5,000 feet altitude. The leaves are small, and of a deep green. Oz., 40c.; lb., \$3.00.

Cupressus Lawsoniana (Lawson's Cypress). A handsome tree, found in moist grounds in the Shasta mountains, and in the coast range of Oregon. The wood is white, fragrant, fine and close-grained, free from knots, easily worked, and very durable; also known as Oregon Cedar, White Cedar and Ginger Pine. Oz., 40c.; lb., \$4.

Cupressus Guadalupensis (Blue Cypress). A new fast-growing variety with beautiful bluish foliage; very ornamental for lawns, parks or cemeteries. Oz., 35c.; lb., \$3.50.

Libocedrus Decurrens (*Thuya Craigiana*). Found in the coast ranges, from Oregon to San Diego; grows from 100 to 150 feet high; fine hardy timber tree; known as the White Cedar of California. Oz., 30c.; lb., \$3.

Madrone. A beautiful native tree of California; the foliage is a deep green and leathery; it attains a considerable size, flowers white. Pkt., 50c.

Picea amabilis (Silver Fir). Tall symmetrical, valuable timber tree. Oz., 40c.; lb., \$4.00.

Picea grandis (Western Balsam Fir). Grows 200 to 300 feet high, four to six feet in diameter; grows rapidly in rich, moist soils; valuable timber tree. Oz., 50c.; lb., \$5.00.

Picea nobilis (California Red Fir). A magnificent tree with thick, brown bark, making fine timber; forms large forests about the base of Mt. Shasta; timber said to be better than that of other firs. Oz., 50c.; lb., \$5.00.

Picea magnifica. 200 to 250 feet high. The Red Fir of the Sierras, found at an altitude of 7,000 feet. Very hardy. Oz., 60c.; lb., \$6.00.

Picea concolor (*Abies lasiocarpa*). A very ornamental tree; 100 to 200 feet high; very common throughout the Sierras, ranging into Oregon; also found in Arizona, Utah and Colorado. Oz., 50c.; lb., \$5.00.

Picea bracteata. Leafy Bracted Silver Fir. Oz., \$1.00; lb., \$10.00.

Pinus Benthamiana. A magnificent tree; grows from 200 to 300 feet high; fine timber. Very hardy. Oz., 50c.; lb., \$5.00.

Pinus Coulteri (Great Coned Pine). Found in the coast ranges from Mt. Diablo to the southern part of this State. Oz., 35c.; lb., \$3.50.

Pinus Contorta. A low tree, five to fifteen feet high, found on the wet, sandy coast of the Pacific, from Mendocino to Alaska. Very hardy. Oz., 50c.; lb., \$5.00.

Pinus Fremontiana (*Pinus monophylla*). A small tree, twenty to twenty-five feet high; frequent in the coast ranges through Nevada, Arizona and Utah; well known as the Nut Pine. Oz., 30c.; lb., \$3.00.

Pinus Insignis (Monterey Pine). A very ornamental tree for parks or lawns; grows from sixty to seventy feet high, of rapid growth, and has beautiful, green foliage. Oz., 25c.; lb., \$2.50.

Pinus Jeffreyi. A magnificent tree, from 100 to 200 feet high; usually found on our mountains at an elevation of 5,000 feet, ranging from California to Oregon. Very hardy. Oz., 35c.; lb., \$3.50.

Pinus Lambertiana (Sugar Pine). A hardy tree of gigantic dimensions, from 250 to 300 feet high, and from fifteen to twenty feet thick, with light brown, smooth bark; found on both slopes of the Sierras. The wood is like that of the White Pine. Oz., 30c.; lb., \$2.50.

Pinus Monticola. From sixty to eighty feet high, and about three feet in diameter at the base. Found at an altitude from 7,000 to 10,000 feet, known as the white pine of the Trinity Mountains, California, ranging as far north as the State of Washington. Oz., 50c.; lb., \$5.00.

Pinus muricata. Attains a height of from twenty-five to fifty feet. A rather slender tree. Found near the coast, where it is exposed to the sea winds and fogs. Oz., 60c.; lb., \$6.00.

Pinus Parryana. A small tree, twenty to thirty feet high, found in the vicinity of San Diego, at an altitude of 2,000 feet. Oz., 50c.; lb., \$5.00.

Pinus Ponderosa (Yellow Pine). One of the largest pines known; 200 to 300 feet high and twelve to fifteen feet in diameter, with very thick red-brown bark. Found in the Coast Range, on the highest points. Very hardy. Oz., 40c.; lb., \$3.50.

Pinus Sabiniana (Nut Pine). Abundant over the dry and hot hills of the Coast Range, in the Sacramento Valley, and on the foot-hills of the Sierra Mountains. Hardy. Oz., 30c.; lb., \$2.00.

Pinus Torreyana. A small tree, generally crooked, twenty to thirty feet high; found on the southern coast, in the vicinity of San Diego. Seeds large and edible. Oz., 30c.; lb., \$3.00.

Pinus Tuberculata (California Scrub Pine). A small crooked tree, often found full of cones when only two or three feet high. Oz., 50c.; lb., \$5.00.

Sequoia gigantea. (*Wellingtonia gigantea*). The mammoth tree of California. This is the largest tree known to exist on the American continent. The bark is from one to two feet thick. One of the largest trees (the so-called Grizzly Giant of the Mariposa Grove) is ninety-three feet in circumference at the ground. Oz., 80c.; lb., \$8.00.

Sequoia sempervirens. Usually known as the Redwood. The most valuable timber of the California forests. From 200 to 250 feet high, and from eight to twelve feet in diameter. The wood is of a rich, brownish red; light, but strong and durable, making excellent timber. Hardy. Oz., 30c.; lb., \$3.00.

Thuja gigantea (Giant Arbor Vitæ). A tall, graceful tree, 200 to 250 feet high, three to twelve feet thick; pyramidal form, with spreading and somewhat drooping branches; frequent in the Coast Ranges of Oregon. The wood is soft, fine-grained, and of light color. Oz., 60c.; lb., \$6.00.

Torreya Californica (California Nutmeg). Found in the Coast Range and Sierra Nevada mountain districts, but not abundant. Grows to the height of sixty feet; the wood is light-colored, close-grained, and small branches, being reddish. Oz., 25c.; lb., \$2.00.

Arctostaphylos glauca. Great berried Manzanita. Oz., 50c.; lb., \$2.00.

Oreodaphne Californica (Mountain Laurel, Spice Tree). A handsome shrub or tree, twenty to seventy feet high, the timber very handsome and valuable, much used for ornamental wainscoting and finishing. Oz., 25c.; lb., \$2.00.

Negundo Californicum. Usually a small tree, sometimes reaching a height of seventy feet. Oz., 25c.; lb., \$1.50.

Acer circinatum (Vine Maple). A shrub or tree from Northern California and Oregon. Hardy. Oz., 30c.; lb., \$3.00.

Acer Glabrum (Maple). Usually a shrub, but sometimes a small tree, thirty to forty feet high. Oz., 25c.; lb., \$2.00.

Acer Macropylum (Maple). A tree fifty to ninety feet high, from Coast Ranges in California. The wood is white, hard, and takes a fine polish. Oz., 25c.; lb., \$1.50.

Cornus Nuttalli (Dogwood). A showy tree or large shrub, flowering in May, the flowers followed by large clusters of double berries, and much resembling the Eastern *C. Florida*, and apparently even more worthy of cultivation. Wood close-grained and very hard. Oz., 20c.; lb., \$2.00.

Azalea occidentalis. Charming California Azalea, the great ornament of the wooded districts. Flowers two and a half to three inches long, white shades, pink variegated by a pale yellow band. Pkt., 25c.

Nolina Parryii. A hardy ornamental plant, trunk three to six feet high, leaves narrow, three to four

feet long; producing a stout, flowering stem, with numerous white flowers. Pkt., 50c.; oz., \$2.00.

Garrya elliptica. A beautiful California evergreen shrub, flowering in Winter and early Spring, presenting a very ornamental appearance; hardy. Pkt., 25c.; oz., \$1.

Arbutus Menziesii. Oz., 40c.; lb., \$4.00.

AUSTRALIAN TREE AND SHRUB SEEDS.

Price per Packet, 25 Cents.

Eucalyptus globulus (Blue Gum). A very rapid growing tree, making valuable timber; height 200 feet. Oz., 50c.; lb., \$4.50.

E. rostrata (Red Gum). Oz., 50c.; lb., \$6.00.

E. amygdalina (Messmate, or Almond-leaved Stringybark). A first-class timber for flooring boards, joists, and other house carpentry. It is like Stringybark. 150 to 200 feet. Oz., \$1.00.

E. bicolor (Black Box). A highly valued timber tree, it is equal to the best Ironbark for all the purposes for which that wood is used, and is more easily wrought. It is sometimes called "Ironbark." 100 to 150 feet. Oz., \$1.00.

E. citriodora (Lemon-scented Gum). A useful timber. The strong lemon scent which is emitted when the leaves are gently rubbed, is equally powerful and agreeable with that of the lemon-scented Verbena. Oz., \$2.50.

E. corymbosa (Bloodwood). A very large tree; timber first-class for posts, piles, and such like. It is extremely durable in the ground; it is not a favorite timber on account of its many gum veins; not a good fuel. 150 to 200 feet. Oz., \$1.00.

E. hamastoma (White Gum). Yields gum resin largely; it is not remarkable for its timber, but is a good domestic fuel. Height 50 to 100 feet. Oz., \$1.00.

E. hemipholia (Common Box). A hard but useful timber, strong, tough and durable, but will not last as posts or piles sunk in the ground. It is also a first-class fuel, both for domestic use and for steam or other industrial purposes. 100 to 150 feet. Oz., \$1.00.

E. longifolia (Woollybutt). An average sized tree. Fair timber for fencing and building purposes; it is a good fuel for domestic use; very durable; 100 to 120 ft. Oz., \$1.

E. leucoxylo (Crimson Flowered Eucalyptus). This is a very ornamental species of Eucalyptus, having large and very beautiful flowers, color crimson; and as the tree flowers when quite young, it is very desirable as an addition to the shrubbery or flower border. Oz., \$1.00.

E. marginata (Jarrah of Western Australia). A very excellent timber; resists teredo.

E. obliqua (Stringybark). The best wood for flooring boards and rafters. It is of very quick growth, inferior fuel, but produces the best charcoal. 120 feet.

E. obtusifolia (Yellow Blackbutt). Timber like the preceding, but softer and more easily worked, and of a yellow tint. It is a remarkably quick grower. 150 feet.

E. paniculata (Common Ironbark). For most purposes is equal to the last species; is less interlocked, and is more easily split into shingles or palings; it is as lasting and as good fuel as other Ironbarks; the wood is not so dark in color. 150 feet. Oz., 75c.

E. paniculata var., mycophylla (Small-leaved Ironbark). The wood of this species is used for fencing and many purposes, the same as the other Ironbarks. But the wood being of a nature much more easy to work, to which the hardness of other sorts offers an obstacle; first-class fuel. 120 feet.

E. pitularis. The Blackbutt Tree of South Queensland. Of rapid growth, and timber of much value for railway sleepers, telegraph poles, etc. A tree of this species has been measured, with a girth of 45 feet, and a height of 300 feet.

E. piperita (Peppermint Gum).

E. robusta (Swamp Mahogany). A good lasting timber for house carpentry and many kinds of tannery. It is not durable in the ground; it is not remarkable as a burning wood. Its specific gravity is great. 150 feet.

E. siderophloia (Dark or Broad-leaved Ironbark). The most valuable wood for piles, girders, railway sleepers, and for every purpose in which strength and durability are required; even shingles of a $\frac{1}{2}$ inch thickness have been known to last sound on roofs for forty years. This species and the two following are the strongest of all Australian timbers, and are used for a greater number of purposes—spokes, shafts, poles, frames—by wheelwrights, the best telegraph posts, fencing of all kinds, and none are equal to it for cogs in mill-work; it is superior to most as fuel for steam engines, as it throws off more heat, etc. 150 feet. Oz., \$1.00.

E. resinifera. The Red Mahogany Eucalyptus of South Queensland and New South Wales. A superior timber tree of large size, according to Rev. Dr. Woolls, the woods being much prized for its strength and durability. It has proved one of the best adapted for a tropical climate, although not so rapid of growth as some other species. Oz., \$1.00.

E. tereticornis (Gray Gum or Red Gum). A very strong, durable hardwood, almost equal to Ironbark for some purposes; lasts in the ground; inferior fuel. 150 ft.

E. ficifolia. A beautiful variety of the Eucalyptus, very ornamental for lawn or avenue planting. Has beautiful crimson flowers. Sold in packets only, at 50 cents per packet.

Acacia decurrens (The Black Wattle). Australia. "In California *Acacia decurrens* has grown over fifty feet in eight years, and is useful as a wind-break, besides being very rich in tannin, and furnishing a gum, which exudes copiously wherever a branch is cut, equal to gum arabic." Wood also valuable for fuel and for coopers' and turners' work. Oz., 50c.; lb., \$4.00.

A. melanoxylon. South-eastern Australia. Generally known as BLACK-WOOD TREE. In irrigated glens of deep soil the tree will attain a height of eighty feet, with the stem several feet in diameter. The wood is most valuable for furniture, railroad cars and carriages, boat building (stem and stern posts, ribs, rudders), for tool handles, crutches, some portions of the work of organ builders, casks, billiard tables, pianofortes (for sound-boards and actions), and numerous other purposes. The fine-grained wood is cut into veneers; it takes a fine polish, and is considered almost equal to walnut. Oz., 50c.; lb., \$4.00.

A. lophantha (*Albizia lophantha*). Southwest Australia. "One of the most rapidly growing plants for copses and first temporary shelter in exposed localities. For the most desolate places, especially in desert tracts, it is of great importance, quickly affording shade, shelter and a copious vegetation. Cattle browse on the leaves." Oz., 50c.; lb., \$4.00.

A. mollissima. Oz., 50c.; lb., \$1.00.

A. pycnantha (Golden Wattle). Oz., 50c.; lb., \$4.00.

A. floribunda. Oz., 50c.; lb., \$1.00.

Dracena indivisa. A very desirable tree for a garden or lawn; of graceful habit, makes rapid growth very hardy; native of New Zealand. Oz., 50c.; lb., \$5.00.

"Your Seeds so far have given good satisfaction to my customers." ELI SNYDER, Los Angeles, Cal.

Dracena Australis (Broad-leaf). An exceedingly handsome and ornamental tree, with fine, broad foliage Oz., \$1.00; lb., \$10.00.

Grevillea robusta (Silk Oak of East Australia). Beautiful fern-like foliage; attains a height of 100 feet; withstands drought; of rapid growth, and flowers when about twenty feet in height, then it is a sight worth seeing, covered from top to bottom with bright orange-scarlet

flowers. Pkt., 25c.; oz., \$1.25.

Pittosporum eugenoides, nigrescens, and undulatum. These *pittosporums* are valuable evergreens; an ornamental shrub or tree from Southern Australia. Each per pkt., 25c.; oz., 50c.

Xanthorrhoea hastilis (Grass Tree of Australia). Per pkt., 25c.

MISCELLANEOUS TREE SEEDS.

Abies Canadensis (Hemlock Spruce). A well-known Evergreen Tree of high northern latitudes. It is one of the most graceful of Spruces, with a light and spreading spray, frequently branching almost to the ground. The wood is cross-grained, but is used in great quantities for rough work. The bark is very extensively employed in tanning. It is a beautiful tree for the lawn, and makes a highly ornamental hedge. Oz., 35c.; ¼ lb., \$1.25; lb., \$4.00.

Abies pectinata (European Silver Fir). A noble tree with spreading, horizontal branches and broad silvery foliage; somewhat tender. Oz., 20c.; lb., \$1.50.

Abies excelsa (Norway Spruce). A very popular variety from Europe. It has been very extensively planted in this country for ornamental purposes, and also for timber and wind-breaks. It is easily transplanted or grown from seed, and succeeds in a great variety of soils and climate. Oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Abies balsamea (Balsam Fir). A small evergreen tree of regular, symmetrical growth, assuming a conical form when very young. Of rapid growth, with rich green foliage which retains its color during the severest winters. Oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Acer dasycarpum (Maple, Soft, or Silver-leaved). One of the most beautiful of Maples. Is being extensively planted in forests on account of its extremely rapid growth. Its wood is quite soft and light. Oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

Acer negundo (Box Elder). Middle and South. Thrives on the Western plains; grows rapidly, attaining 70 feet in height; excellent for planting along highways; endures drought. Its sap yields sugar. Oz., 10c.; ¼ lb., 25c.; lb., 90c.

Acer platanoides (Norway Maple). A well-known ornamental tree. Native of Europe. A large, handsome tree, with broad, deep green, shining foliage. Its compact habit, stout, vigorous growth, render it one of the most desirable species for the street, park or garden. Oz., 25c.; lb., \$1.50.

Acer saccharinum (Hard or Sugar Maple). The great sugar tree of America, and its yearly product of sugar and syrup amounts to over ten millions of dollars in value. It succeeds well in all soils and locations, making a stout, vigorous, rapid growth of hard wood, most valuable for fuel and highly prized for manufacturing purposes. Oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Ailanthus glandulosa (Tree of Heaven). Valuable for reclaiming coast lands. Wood extremely durable. It has been quite extensively planted in some of the Western States, and is noted for its extremely rapid growth. It grows to a large size, and the foliage has a rich tropical appearance. Oz., 25c.; lb., \$1.25.

Arbutus unido (Strawberry Bush). A hardy and elegant looking evergreen. The leaves oblong lanceolate, and serrated at the edges, the bell-shaped flowers forming a depending panicle, and the ripe berries, both of which are in profusion together in the end of Autumn, render this shrub very ornamental at that season. It is a native of the South of Europe, and is also found in a wild state near Killarney, in Ireland, where it probably has been brought originally from Spain or Italy. It, however, flourishes there in a calcareous soil, in greater luxuriance than is often to be met with in the woods of Italy. In both countries the fruit is eaten, and in Spain both a sugar and spirit are extracted from it. Oz., 25c.; lb., \$2.50.

Pinus strobus (White or Weymouth Pine). The most ornamental of all our native pines; foliage light, delicate or silvery green. Flourishes in the poorest soils. Oz., 25c.; lb., \$2.50.

Pinus Austriaca (Austrian or Black Pine). A native of the mountains of Styria. Tree remarkably robust, hardy and spreading; leaves long, stiff and dark green; growth rapid. Valuable for this country. Oz., 10c.; lb., \$1.00.

Pinus maritima (Seaside Pine). A variety from Southern Europe, of extremely rapid growth, and well suited to light soils in a southern climate, but not quite hardy enough for successful cultivation in the Northern States. Oz., 10c.; lb., \$1.00.

Morus alba (White Mulberry). A native of China, principally cultivated for food for the silkworm. Oz., 25c.; lb., \$2.50.

Morus Nigra (Black Mulberry). Cultivated for ornament and shade; also valuable for its fruit. Hardy. Thrives well on this coast. Leaves used as food for silkworms. Oz., 35c.; lb., \$3.50.

Ampelopsis quinqueflora (Virginia Creeper). American Ivy. The native vine is one of the most ornamental of the climbers, and is much cultivated for covering walls and buildings. It is perfectly hardy, and gives a dense mass of brilliant green throughout the Summer, which in the Autumn changes to the richest shades of crimson and purple. Oz., 20c.; lb., \$2.00.

Araucaria imbricata (Chili Pine). Beautiful, regular, pyramidal form; leaves stiff, smooth, shining, deep green, sharply pointed, and entirely clothing the branchlets. Growth slow. Oz., 35c.; lb., \$3.00.

Betula pendula (Weeping Birch). Beyond question one of the most popular of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful, drooping branches, silvery white bark, present a combination of attractive characteristics rarely met with in a single tree. Oz., 25c.; lb., \$2.50.

Betula alba (White Birch). A graceful tree of moderate size, with silvery bark and slender branches. Quite erect when young, but after four or five years, growth assumes an elegant drooping habit, rendering the tree very effective in landscape. Oz., 15c.; lb., \$1.00.

Catalpa Kaempferi (Japan Catalpa). Introduced from Japan by Siebold. A species with deep green glossy foliage. Flowers resemble those of the common, but clusters more dense. Oz., 50c.; lb., \$6.00.

Fraxinus excelsior (European Ash). A lofty tree of rapid growth, with spreading head, and gray bark pinnate leaves and black bud. Oz., 15c.; lb., \$1.00.

Fraxinus Americana (American Ash). A fine tree, of medium height, with broad, round head, and soft, mellow green foliage. Oz., 15c.; lb., \$1.00.

Fraxinus excelsior pendula (Weeping Ash). The common, well-known sort, one of the finest lawn and arbor trees, covers a great space and grows rapidly. Oz., 15c.; lb., \$1.00.

Ilex opaca (American Holly). A symmetrical tree, 30 to 40 feet high, prickly margined leaves, smooth, light red berries; wood hard and white, takes a fine polish, used for inlaid cabinet work. Oz., 25c.; lb., \$1.50.

Ilex aquifolium (European Holly). A beautiful small tree, with prickly, dark green foliage; grows moderately fast, and is covered during the winter months with bright red berries. Oz., 25c.; lb., \$1.50.

Liriodendron tulipifera (Tulip Tree or White-wood.) A magnificent native tree, with broad, glossy, fiddle-shaped leaves, and beautiful tulip-like flowers; allied to the Magnolias, and like them, difficult to transplant, unless of small size: Oz., 15c.; lb., \$1.00.

Larix Europæa (European Larch.) A native of the Alps of the south of Europe. An elegant, rapid growing, pyramidal tree; valuable for timber; small branches drooping. Oz., 15c.; lb., \$1.00.

Laurestinus. An evergreen shrub with bunches of white flowers; makes fine hedges. Oz., 20c.; lb., \$1.50.

Juniperus Virginiana (Red Cedar.) A well-known American tree, varies much in habit and color of foliage, some being quite stiff, regular and conical, and others loose and irregular. It makes a fine ornamental hedge plant. Oz., 15c.; lb., \$1.00.

Pinus Sylvestris (Scotch Pine or Fir.) A native of the British Islands. A fine, robust, rapid-growing tree, with stout, erect shoots, and silvery green foliage. Oz., 15c.; lb., \$1.00.

Berberis aquifolium (*Mahonia*—Ash berry). A shrub of medium size, with handsome deep green glossy foliage, bright yellow flowers and blue berries. Oz., \$1.00; lb., \$9.00.

Buxus sempervirens (Evergreen box). A small evergreen shrub, desirable for edgings to borders, used in ornamental gardening. Oz., 25c.; lb., \$2.00.

Catalpa speciosa. A variety which is said to have originated at the West. It is represented to be finer and harder than the common, hence better adapted to forest and ornamental planting. Oz., 15c.; lb., \$1.00.

Cedrus deodora. A native of the Himalayas. One of the most elegant of all evergreen trees, of rapid growth; branches drooping, foliage light bluish, or glaucous green. Oz., 60c.; lb., \$6.00.

Cunninghamia sinensis. A pleasing evergreen from China, 30 to 40 feet in height, with long, bright, glossy, green foliage, and of regular outline. Oz., \$1.50; lb., \$12.00.

Morus Tartarica (Russian Mulberry). In Europe this is valued for its fruit and timber, also used for hedges, and the leaves for food for silkworms. Oz., 60c.; lb., \$6.

Magnolia grandiflora. A magnificent evergreen with exquisitely fragrant flowers; thrives best in rich light soil. The superior stateliness of form and splendor of growth, the size and richness of their foliage, and lavish yield of fragrant flowers, all tend to place it in the foremost rank among hardy, ornamental trees and shrubs. Oz., 25c.; lb., \$3.00.

Melia Azedarach (Chinese Umbrella Tree). A more shapely form of the old Indian species. One of our very best hardy, deciduous shade trees; leaves very rich green, and hanging on later than the old China tree. Shade, dense; form of tree an almost perfect umbrella. Oz., 25c.; lb., \$1.50.

Paulownia imperialis. A magnificent, tropical-looking tree from Japan, of extremely rapid growth, and surpassing all others in the size of its leaves; large upright panicles of purple flowers in Spring. Oz., 25c.; lb., \$2.50.

Populus alba (White poplar). A tree of wonderfully rapid growth, and wide-spreading habit. Leaves large, lobed, glossy green above and white as snow beneath. Prefers a moist soil, but flourishes anywhere. Oz., 25c.; lb., \$3.00.

Salix alba (White Willow). Lofty trees with handsome light green foliage. Oz., 25c.; lb., \$2.50.

Salisburia adiantifolia (Maiden Hair Tree). A remarkable tree from Japan, combining in its foliage characteristics of the conifer and deciduous tree. The tree is of medium size, rapid growth, with beautiful fern-like foliage. Rare and elegant. Oz., 25c.; lb., \$1.50.

Schinus Molle (Pepper Tree.) A well-known tree with handsome fern-like drooping foliage. Oz., 20c.; lb., \$1.50.

Sophora Japonica. A very ornamental tree from Japan, with delicate fern-like foliage. Handsome and of a rapid growth. Oz., 25c.; lb., \$2.00.

Sophora Japonica Pendula (Japan Weeping Sophora). One of the most beautiful weeping trees; very regular and graceful weeping habit, made up of picturesque short curves, and small foliage hanging in beautiful tresses; rare and choice. Oz., 25c.; lb., \$2.00.

Sterculia Plantanifolia. A new tree from China, with fine, large foliage. Oz., 25c.; lb., \$2.00.

Tilia argentea (Silver Linden). A native of Hungary, a vigorous growing tree, handsome shape, foliage smooth above and downy beneath, giving it a white appearance. Very ornamental. Oz., 25c.; lb., \$1.50.

Tilia Europæa (European Linden). A very fine pyramidal tree, of large size, with large leaves and fragrant flowers. Oz., 25c.; lb., \$1.50.

Thuja Occidentalis (American Arbor Vitæ). A beautiful native tree, commonly known as White Cedar; especially valuable for screens and hedges. Oz., 25c.; lb., \$2.50.

Thuja Orientalis (Chinese Arbor Vitæ). From China and Japan. A small, elegant tree, with erect branches, and dense, flat, light green foliage; becomes brown in winter. Oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Thuja aurea (Golden Arbor Vitæ). A variety of the Chinese, nearly spherical in outline, with bright yellow tinged foliage. Beautiful. Oz., 50c.; ¼ lb., \$1.25; lb., \$4.50.

Thuja aurea semperæurea. A new variety of the Golden Arbor Vitæ of dwarf habit, but of a free growth. It retains its golden tint the year round. One of the best golden varieties. Oz., \$1.25.

Thuja compacta. An Arbor Vitæ of dwarf compact habit and deep green foliage. Oz., 30c.; lb., \$3.00.

Thuja Orientalis aurea variegata (*elegantissima*). Variegated arbor vite. A beautiful tree of pyramidal form, with foliage prettily tipped with deep yellow, which it retains throughout the year. Oz., \$1.25.

Taxus hibernica (Irish Yew). Peculiarly upright in growth, like a bundle of closely packed branches; deep blackish green foliage; very beautiful and valuable. Oz. 50c.; lb., \$4.00.

Ulmus Americana (American White Elm). A majestic tree from 75 to 100 feet high, of strong and rapid growth, a desirable shade and ornamental tree. Oz., 30c.; lb., \$3.00.

Ulmus Campestris (English Elm). An erect, lofty tree, of rapid, compact growth, with smaller and more regularly cut leaves than those of the American, and darker colored bark. The branches project from the trunk at right angles, giving the tree a noble appearance. Oz., 15c.; lb., \$1.50.

Virgilia lutea (*Cladistis tinctoria*)—Yellow Wood). A fine tree, with compact, broadly rounded head; leaves like the Locust, of a light pleasing green color, changing in autumn to a warm yellow; flowers like pea blossoms, white and fragrant, covering the tree about the middle of June with long pendulous racemes of great beauty and grace. Its trunk is polished and elegant. Oz., \$1.00.

Italian Cypress. A tall, tapering, conical tree, with straight branches lying close to the stem, much esteemed for single specimen and arches. Oz., 25c.; lb., \$2.00.

Osage Orange. A native tree of medium size and spreading habit. Leaves bright, shining green; broad and sharp pointed; fruit resembles an orange. Valuable and very extensively used for farm and garden hedges. lb., 75c.

Black Locust. A native tree, of large size, rapid growth, ornamental, also valuable for timber. Has long bunches of yellow fragrant flowers in June. Oz., 10c.; lb., 60c.

Honey Locust. A rapid growing, native tree with delicate foliage. Used for hedges. Oz., 10c.; lb., 60c.

FRUIT TREE SEED.

Apple (*Pyrus Malus*). Apple seed do not reproduce the same varieties, but an inferior, though hardy stock. Upon the stock thus raised from seed, are grafted or budded the cuttings of such varieties as are desired. The seed can be planted in good soil, any time during the Winter in the South, or early in the Spring in the North, in rows eighteen inches apart. During their growth they should be well cultivated and kept free from weeds. When one year's growth has been made, they can be taken up and reset one foot apart in the rows and the rows three feet apart. Two year's growth is usually sufficient to make them large enough to graft, and remove to permanent place in the orchard. $\frac{3}{4}$ lb., 20c.; lb., 50c.

Cherry Mahaleb (*Cerasus Mahaleb*). The remarks regarding apple seeds are applicable to cherries. This variety is considered the best stock upon which to graft the choicer sorts. $\frac{3}{4}$ lb., 20c.; lb., 60c.

Cherry Mazzare (*Cerasus Communis*). The common or ordinary variety of cherry is useful alone for grafting purposes. The stock is hardy, and if properly grafted fine fruit can be relied on. The seed should be planted in Spring, in rows of eighteen inches apart, and the after culture should be the same as for Apples. $\frac{3}{4}$ lb., 20c.; lb., 50c.

Pear (*Pyrus Communis*). Sow the seed thickly in drills eighteen inches apart. The soil should be rich—a

deep moist loam is most suitable. The value of the stock depends largely on a rapid and vigorous growth the first season. After making one year's growth, take them up in the Autumn, shorten the tap root and reset them in rows four feet apart in the row. The next season they will be fit to bud or graft, provided they have been well grown. Oz., 15c.; $\frac{3}{4}$ lb., 50c.; lb., \$1.50.

Plum (*Prunus Communis*). The directions given for planting Apples will also apply to Plums, except the pits should be planted farther apart in the row. The varieties raised from seed will be inferior but hardy; vigorous stocks are thus afforded upon which to graft the choicer sorts. $\frac{3}{4}$ lb., 20c.; lb., 50c.

Peach (*Amygdalis Persica*). Peach stocks are raised by planting the stones two or three inches deep. If the stones are cracked they are more sure to grow. The after treatment is about the same as for Apples, though budding can be commenced sooner than grafting in Apple stocks. Lb., 10c.; 100 lbs., \$5.00.

Apricot Pits (*Armenia Vulgaris*). Planted and cultivated same as Peach Pits. Lb., 10c.; 100 lbs., \$5.00.

Quince (*Cydonia Communis*). Quinces generally produce the same variety from seed, but occasionally vary. The stock is much used for budding and grafting the pear. The culture from seed is the same as for apples. Oz., 20c.; $\frac{3}{4}$ lb., 60c.; lb., \$2.00.

— P A L M S E E D S . —

ORDERS for all Palm Seeds are booked, and forwarded as the various species reach us. Only such seeds are sent out as we believe will give satisfaction. Their vitality cannot be tested before the sale. Many varieties do not hold their vitality but a short time, and should be planted as soon as received. We cannot warrant this class of seeds, nor will we hold ourselves responsible for the crop; if the purchaser does not accept the seeds on these terms, they must be returned at once.



Areca Baueri.

Areca Baueri (*Seafolia robusta*). A very hardy variety with large handsome leaves. 10 seeds, 35c.; 100 seeds, \$3.00.

Areca lutescens. A favorite species with elegant yellowish green stems, plume-like glossy green foliage. Very hardy. 10 seeds, 35c.; 100 seeds, \$3.00.

Brahea filamentosa (*Pritchardia filamentosa—Washingtonia felifera*). The hardy California Fan Palm, a hardy, vigorous growing plant; foliage very regular, of a bright green, deeply and regularly pinnated, the margins of each being covered with hair-like, long filaments, giving them a very remarkable appearance from other fan palms. They are beautiful decorative plants in all respects, either for in or out-door use. 100 seeds, 50c.; lb., \$3.00.

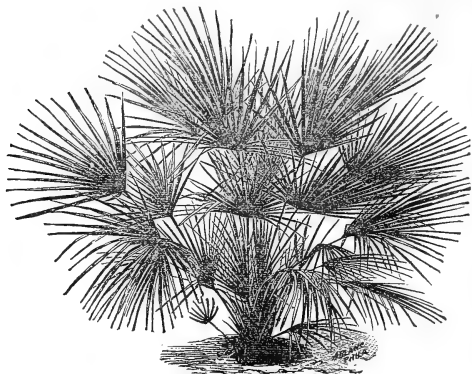
Washingtonia robusta. Similar in every respect to the preceding variety, the only difference being their more compact, dwarf growth; a great acquisition for many purposes. 100 seeds, \$1.00; lb., \$6.00.

Brahea Glauca (Blue Palm). A very ornamental Fan Palm of robust habit. The leaves are bright green, glaucous beneath. New and rare. 10 seeds, 50c.; 100 seeds, \$4.00.

Brahea edulis. A new variety of Fan Palm from Guadalupe Island. 10 seeds, 50c.; 100 seeds, \$4.00.



Areca lutescens.



Chamærops excelsa.

Cocos flexuosa. 10 seeds, 50c.

Cocos Australis. One of the hardiest Palms, foliage long and slender, leaf stalk from three to six feet long, leaves light glaucous green. One of the best for out-door decoration. 10 seeds, 50c.

Corypha Australis (Livistonia). A very hardy Australian Palm; foliage dark green, very symmetrically and regularly slit, the segments partly doubled from base of petioles or leaf-stalk, which is thickly armed with crooked pines. 10 seeds, 30c.; 100 seeds, \$1.50.

Caryota urens. Very graceful plants, leaves twin pinnate leaflets, obliquely caniciform, with a neat fringe on margin; the leaflet has the appearance of being bitten off. In its native home, the East Indies around Ceylon, the plant is very useful for its sap in the shape of a mild liquor. The stamens of the flower are very conspicuous and curious, growing in a pendant form downward from the receptacle, similar to a thick bunch of human hair, which, with seed, has no further value. 10 seeds, 30c.; 100 seeds, \$2.00.



Pandanus utilis.

Chamærops excelsa. One of the hardiest of the Fan Palms; foliage dark green; the segments of the fan-shape leaves deeply cut, the edges covered with tooth-like spines; grows from 15 to 20 feet high, very desirable for out-door decoration. 100 seeds, 50c.

Chamærops Hystrix. A slow-growing Fan Palm, a native of the Southern States. The leaves are green above and silvery gray below, edged with minute prickles; the flower bud resembles a large snowy white egg and is surrounded with long hairy fibres. 10 seeds, 50c.; 100 seeds, \$4.50.

Chamærops Humilis. A Fan Palm of dwarf habit; it is a native of Southern Europe, very hardy. A splendid specimen for a lawn. 10 seeds, 50c.

Chamærops Martiana. A Fan Palm from Nepaul. Very hardy; grows often to the height of fifty feet. 10 seeds, 50c.

Chamærops Canariensis. 10 seeds, 50 cents.

Cocos Bonneti. 10 seeds, 50c.

Cocos campestris. This choice exotic Palm is quite hardy, one of the most desirable of pinnate-leaved Palms for open air planting. 10 seeds, 50c.



Latania Borbonica.

Euterpe edulis. The Assai Palm of Brazil, also found in Trinidad and Central America. 10 seeds, 50c.; 100 seeds, \$3.50.

Latania Borbonica. A most elegant Fan Palm, foliage bright glossy green, margin of fan recurved, forming hollow scoop. 100 seeds, 50c.

Oreodoxa Regia (Royal Palm). One of the grandest of the pinnate-leaved palms. 100 seeds, 50c.

Pandanus utilis (Screw Pine). Called Screw Pine from the arrangement of the leaves on the stem. Excellently adapted for the center of vases and baskets, or grown as a single specimen; a beautiful plant. 10 seeds, 25c.; 100 seeds, \$2.50.



Phoenix Canariensis.

Phoenix tennis. This is a very hardy Date Palm, very desirable and elegant, bright sea-green. 100 seeds, \$2.00.

Phoenix Canariensis. A fine Palm from the Canary Islands. 10 seeds, 30c.; 100 seeds, \$2.50.



Sabal Palmetto.

Sabel Palmetto. (The Cabbage Palmetto.) Famous from well-known historical association, and for the imperishability of its wood under water. Gulf and Atlantic Coasts of the Southern States, also extending to the Bermudas. It exceptionally, with great age, attains a height of 80 or 90 feet. Until it reaches 10 to 20 feet in height, the bases of the leaf stalks remain upon the trunk, forming a unique *chevaux de frise*, adding much to its picturesqueness. As the tree advances in age its growth is slow, and the leaf-stalks fall off, leaving a rough trunk of 8 or 10 inches in diameter. This Palm, when pot grown, is valuable for green-house culture at the North. 10 seeds, 30c.; 100 seeds, \$2.50.

Seaforthia elegans. Leaves dark green, the leaf-stems rather stout at their base, pinnate pinnae lanceolate and narrow bifid at the apex, the whole plant perfectly smooth, on a cylindrical smooth whitish green stem; a most elegant species. 10 seeds, 25c.; 100 seeds, \$1.50.

FLOWER SEED DEPARTMENT.

REMARKS ON THE CULTIVATION OF FLOWERS.

THE SOIL best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it the colors will be brighter. Make the surface as smooth and fine as possible, sow seed in rows covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil down firmly over it. *Do not plant any seeds when the ground is wet.* Many varieties should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps to retain the moisture and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle, transplant into boxes, from one to two inches apart, where they are to remain until time to transplant to permanent beds.



ABRONIA.

Extremely pretty creeping plants, for rock-work or hanging baskets.

Abronia umbellata. Pure white, one foot. Pkt., 10c.

ABUTILON.

(Chinese Bellflower, Flowering Maple).

A beautiful shrub, flowers bell-shaped, and in the varieties are to be found crimson grounds streaked with yellow; yellow grounds, veined red; pure white and clear yellows.

Abutilon. Fine mixed. Pkt., 25c.



ACROCLINIUM.

One of the best of the everlasting flowers for winter bouquets. Annual.

Acroclinium roseum. Rose. Pkt., 5c.

Acroclinium alba. Pure white. Pkt., 5c.

AGERATUM.

Splendid plants for large clumps or masses. Flowers are fine for bouquets. Hardy annual.

Ageratum Mexicanum. Mixed. Pkt., 5c.

Ageratum, Imperial Dwarf. A delicate blue. Pkt., 10c.

Ageratum Imperialis alba. Dwarf; large heads of white flowers; eight inches. Pkt., 5c.

AGROSTEMMA,

(Crown of the Field).

Hardy, herbaceous plants; free-flowering and attractive. Flowers white and rose.

Agrostemma. Fine mixed. Pkt., 5c.

ALONSOA (Mask Flower).

Flowering all summer; makes one of the most desirable bedding plants that can be grown.

Alonsoa grandiflora. Scarlet. Pkt., 10c.

ADONIS.

A plant with very pretty foliage and brilliant flowers.

Adonis aestivalis. Scarlet; one foot. Pkt., 5c.

ALYSSUM.

A very pretty little plant for edging or rock-work; flowers are fine for bouquets. Hardy annual.

Alyssum, sweet. White, fragrant. Pkt., 5c.

Alyssum Saxatile. Golden-yellow blossoms; ten inches high. Pkt., 10c.

ADLUMIA,

(Mountain Fringe, Alleghany Vine).

Climbing plant, of graceful habit; pink flowers.

Adlumia cirrhosa. Fifteen feet. Pkt., 10c.

AMARANTHUS.

Ornamental foliage plants, of an extremely graceful character, always producing a fine effect. Half-hardy annual, Red flowers.

Amaranthus caudatus (Love Lies Bleeding). Pkt., 5c.

Amaranthus cruentus (Prince's Feather). Pkt., 5c.

Amaranthus tri-color (Joseph's Coat). Very fine. Pkt., 5c.

Amaranthus salicifolius. One of the finest. Pkt., 10c.



Amaranthus.

ARGEMONE (Prickly Poppy).

Very showy plants, with large, poppy-like flowers. Hardy annuals. Two feet.

Argemone grandiflora. White. Pkt., 5c.

Argemone Mexicana. ("Infernal, or Devil's Fig" of the Spaniard). Yellow. Pkt., 5c.

ARISTOLOCHIA

(DUTCHMAN'S PIPE.)

A quick-growing climber, attaining a height of thirty feet, with large heart-shaped foliage, and whose specific name, *Sipho*, was given on account of the singular formation of its flowers, which are curved like a siphon; flowers are brownish yellow. Hardy perennial.

Aristolochia sipho. Pkt., 10c.

ARMERIA (Thrift, Sea Pink.)

A very hardy plant; very largely used for edging; plant compact and beautiful. Hardy perennial. Grows six inches high.

Armeria maritima. Rosy pink. Pkt., 10c.

ASPERULA (Wood Ruff.)

A profuse blooming hardy plant; fine for bouquets. Growing less than a foot in height; flowers are light blue or lavender, and sweet scented.

Asperula azurea setosa. Pkt., 5c.

**ASTER.**

This splendid class of plants is one of the most popular and finest of our garden favorites; combines richness and variety of color, and beauty of form. Indispensable in every garden.

Aster, Reid's German Quilled. Flowers double; the petals have the appearance of quills or tubes; height from 1½ to 2 feet; finest mixed colors. Pkt., 10c.

Aster, Betteridge's Quilled. An improved form of Quilled Aster. The flowers are of fine form and brilliant colors. Finest mixed. Pkt., 10c.

Aster, Cocardeau, or Crown. A very handsome variety, producing large flowers, the centers being pure white, edged with many bright colors; about two feet high. Mixed colors. Pkt., 10c.

Aster, Rose-flowered. The flowers are large and double, the outer petals finely recurved and the inner ones incurved like a rose. 2½ feet in height; choice mixed. Pkt., 10c.

Aster, Truffaut's Paeony-flowered Perfection. Large and remarkably fine flowers, with long, beautifully incurved petals, resembling those of the paeony. One of the finest asters cultivated. Pkt., 10c.

Aster, Dwarf Pyramidal Bouquet. So profuse in bloom that the foliage is completely hidden with flowers; mixed colors. Pkt., 10c.

Aster, tall Chrysanthemum-flowered. A splendid variety; flowers very large, and produced when other varieties are out of bloom; mixed. Pkt., 10c.

Aster, Victoria Mixed. Very large, of perfectly double form, imbricated and globular, of pyramidal habit, various colored flowers; twenty inches; mixed. Pkt., 15c.

Aster, Washington. Finest Mixed. Splendid extra large flowering, and very double; two feet; mixed. Pkt., 15c.

ANTIRRHINUM (Snapdragon).

A favorite plant of easy culture, unsurpassed for summer and fall flowering. Seed saved from the finest mottled varieties. Perennials.

Antirrhinum. Tall; mixed. Pkt., 5c.

" Dwarf; mixed. Pkt., 5c.

Picturatum. A new and distinct variety, striped and blotched; mixed. Pkt., 10c.

AQUILEGIA (Columbine.)

A class of very ornamental plants; flowers are curious in form, with beautiful and varied colors.

Aquilegia. Fine mixed. Pkt., 10c.

BALLOON VINE (Love-in-a-Puff).

A rapid-growing, handsome climber, suitable for inside or outside decoration. Tender annual.

Balloon Vine. Pkt., 10c.

BALSAM (Lady's Slipper).

One of the most beautiful and popular of our annuals; fine conservatory and garden plant; needs rich soil and good cultivation to produce large and brilliant flowers.

Balsam, Camellia flowered. Double; mixed. Pkt., 10c.

Balsam, Rose-flowered. Double; mixed. Pkt., 10c.

BARTONIA.

A very showy, half-hardy annual. Sow where it is to bloom, as it will not bear transplanting.

Bartonia aurea. Bright yellow; one and one-half feet. Pkt., 5c.

BACHELOR'S BUTTON

(Corn Flower.)

One of the finest annuals grown for cut flowers; blooms all summer; flowers dark blue, light blue, white and rose color.

Bachelor's Button. Mixed. Pkt., 5c.

BEGONIA.

In the green-house or parlor, in winter, the graceful pendulous flowers of this beautiful class render them most desirable, but with added beauty in their glossy waxen foliage they are simply superb. They are equally adapted, too, for summer planting. One to two feet.

Begonia. Finest mixed. Pkt., 25c.

BIGNONIA (Trumpet Vine.)

Magnificent hardy deciduous climber, with brilliant flowers; deserving first place as the most ornamental and effective covering for walls, houses, etc. Hardy perennial.

Bignonia. Scarlet, 30 feet. Pkt. 15c.

**BRACHYCOME**

(Swan River Daisy.)

A beautiful free flowering, dwarf-growing plant; covered during summer with a profusion of Cineraria-like blossoms.

Brachycome. Blue and white flowers. Pkt., 10c.

BROWALLIA.

Now considered indispensable in all massing and ribbon-like gardening. It is easily reproduced from seed, and requires no special cultivation. Hardy annual. Flowers are blue and white.

Browallia. Mixed. Pkt., 10c.

CALAMPELIS (Eccromocarpus).

A quick growing climber, attaining a height of ten feet in a season, and bearing profusely clusters of orange-colored tube-like flowers.

Calampelis scaber. Pkt., 10c.

CALANDRINIA.

Very beautiful free flowering plant; valuable for rock-work and sunny situations. Flowers are brilliant rose and purple. Hardy annual.

Calandrinia speciosa. Mixed. Pkt., 10c.

CALENDULA (Cape Marigold).

Hardy annual, free blooming and attractive, and growing well in almost all situations.

Calendula. Mixed. Pkt., 10c.

Calendula "Meteor." Large yellow. Pkt., 10c.

**CACALIA (Tassel Flower).**

A beautiful and profuse flowering plant with tassel-shaped orange and scarlet flowers; fine for mixed borders. Hardy annual.

Cacalia. Mixed, Pkt., 5c.

CALCEOLARIA.

Plants of highly decorative character, one of the finest in cultivation. Must be raised with care, under glass, to come to perfection. Greenhouse perennial.

Calceolaria. Pkt., 25c.

**COREOPSIS.**

Colors are bright and striking, flowers are red, yellow and brown, beautiful, and fine for bouquets. Hardy annual.

Coreopsis. Mixed. Pkt. 5c.

CANARY BIRD FLOWER.

An exceedingly beautiful climbing plant; flowers are bright yellow and fringed; foliage very ornamental.

Canary Bird Flower (*Tropeolum peregrinum*). Pkt., 10c.

CANDYTUFT.

One of the most useful annuals; very effective in beds, groups, ribbons, etc., also for conservatory decorations; indispensable for bouquets. One foot. Hardy annual.

Candytuft. Fragrant, white. Pkt., 5c.

Candytuft. Carmine. Pkt., 5c.

Candytuft. Purple. Pkt., 5c.

Candytuft. Hybrid dwarf, very floriferous, choice colors; mixed. Pkt., 15c.

Candytuft. Rocket, pure white. Pkt., 5c.

Candytuft. Choice mixed. Pkt., 5c.

CANNA (Indian Shot).

A genus of highly ornamental plants, of majestic appearance and brilliant red and yellow flowers. Soak the seeds in hot water, and plant in rich soil.

Canna. Fine mixed varieties. Pkt., 10c.

**CANTERBURY BELL**

(*Campanula*.)

When well grown, Canterbury Bells are among the most attractive of border plants; they succeed in light, rich soil, and should be transplanted two feet apart. Flowers are blue and white.

Canterbury Bells. Double, mixed. Pkt., 5c.

Canterbury Bells. Single, mixed. Pkt., 5c.

CATCHFLY (Silene).

A showy, free-flowering plant for beds, borders, or ribbons. Succeeds in any common soil. Hardy annual.

Catchfly. Red, white and pink. Pkt., 5c.

CARNATION

(*Dianthus Caryophyllus*.)

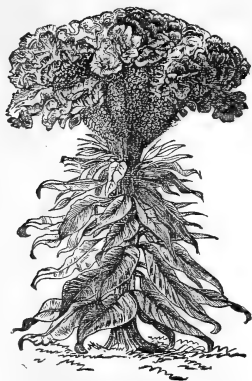
A magnificent class of popular favorites, most of which are deliciously fragrant, and extremely rich and beautiful colors. The seed we offer is from the finest collection in Europe. Needs light, rich soil. Hardy perennial.

Carnation. Perpetual, or tree; saved from the choicest double flowers. Pkt., 50c.

Carnation. Fine German. Pkt., 25c.

Carnation. Good, mixed. Pkt., 10c.

"I am very much pleased with the Plants you sent me. They arrived in splendid condition." F. HAWARD, San Rafael, Cal.

**CELOSIA (Coxcomb).**

Annual plant of tropical origin; one of the most satisfactory and showy plants for garden decoration; produces fine spikes of feathery-like bloom. Sow in light soil.

Tall, well-grown plants of this species are almost the finest of our late flowering plants; rivals the Dahlia in its range of shades and colors. Hardy annual.

Chrysanthemum. Double, mixed. Pkt., 5c.

Chrysanthemum. Single, mixed. Pkt., 5c.



Chrysanthemum, (New Single). Also called "Painted Daisies." Exceedingly showy, large single flowers of bright red, maroon and purple, with golden border. Very fine for cut flowers. Very hardy and free flowering. Pkt., 25c.

Celosia cristata. Crimson. Pkt., 10c.

Dwarf. Mixed. Pkt., 10c.

Glasgow Prize. An improved coxcomb, producing large blooms of dark crimson. Pkt., 15c.

CENTAUREA (Dusty Miller).

The annual varieties are very desirable for groups or mixed borders. All, except *Centaurea Americana*, are the best silver-foliaged plants in cultivation, and are very effective either in groups, borders, or single specimens.

Centaurea Candidissima. Silvery-leaved. Pkt., 25c.

Centaurea Clementei. Silver-leaved. Pkt., 25c.

Centaurea cyanus. (Corn Bottle, or Batchelor's Button). Mixed. Pkt., 5c.

Centaurea gymnocarpa. A graceful, silver-foliaged variety. Pkt., 25c.

CINERARIA.

Cineraria hybrida are very attractive green-house plants, and may be kept in bloom the greater portion of the year. Flowers are purples, crimsons, and magentas, both light and dark. Green-house perennials.

Cineraria hybrida. Fine Mixed. Pkt., 5c.

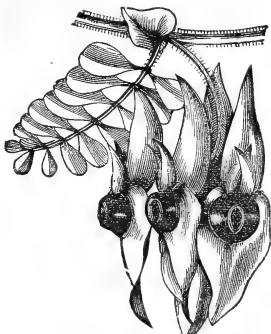
Cineraria maritima. Silvery foliage. Pkt. 10c.

CHRYSANTHEMUM.

*: Choicest mixed, double, from all the best sorts of large flowering incurved Pompons, Japanese, etc. Seed sown at any time in April will produce fine large plants, all of which will flower splendidly the coming fall. Pkt., 25c.

Chrysanthemum frutescens. (Margerite, of Paris Daisy). The white, star-like flowers. Pkt., 10c.

Chrysanthemum frutescens. (*Etoile d'or*, the Golden Paris Daisy). Pkt., 15c.



CLIANTHUS,

(*Australian Glory Pea*).

One of the most beautiful plants in cultivation. Flowers in clusters, drooping, pea-shaped, four inches in length, of a brilliant scarlet, with an intense black spot in the center. It requires a dry, warm soil, and little water.

Clianthus Dampieri. Pkt., 25c.

CLEMATIS (Virgin's Bower).

A well-known hardy climbing plant, unrivaled for covering arbors, fences, etc.

Clematis flammula. White, fragrant. Pkt., 10c

CLARKIA.

Clarkia.

A very pretty, hardy annual; grows freely, and blooms profusely under almost any circumstances. Large flowers, are rose, red, white, and purple. Hardy annuals.

Clarkia elegans.
Finest mixed. Pkt., 5c.

COBEA.

A very fine and rapid growing climbing plant, with large, bell-shaped, purple flowers and beautiful foliage; needs rich soil. Plant the seeds edgewise and cover lightly.

Cobea scandens.
Pkt., 10c.

CONVOLVULUS MAJOR, (Morning Glory).

A well known beautiful climbing annual, suitable for covering arbors, trellises, fences, etc. In bloom from July until autumn.

Convolvulus major,
Mixed. Pkt., 5c.

Convolvulus major,
12 separate varieties, 50c.

COLEUS.

One of the best known and most admired of ornamental foliage plants. The leaves are all shapes, colors, and shades, and are handsomely marked and variegated.

Coleus. New varieties, mixed. Pkt., 25c.

CONVOLVULUS MINOR (Dwarf).

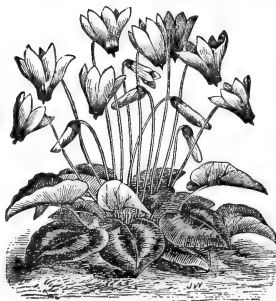
Beautiful, free flowering, and showy plants, with handsome, rich colored flowers, producing a rich effect in beds and mixed borders. Hardy annual.

Convolvulus minor. Mixed. Pkt., 5c.

COWSLIP.

An old favorite plant for borders, flowering early in spring; succeeds best in rich soil. Hardy perennial.

Cowslip. Fine, mixed varieties. Pkt., 10c.

CYPRESS VINE.

Cyclamen.

A tender, climbing plant, of great beauty, with feathery foliage and elegant flowers. Put the seed in hot water before planting, and keep the ground moist till the seeds are up. Scarlet and white flowers. Annual.

Cypress Vine. Mixed.
Pkt., 5c.

CYCLAMEN.

A highly valued green-house plant, producing exceedingly handsome red and white flowers. Sow the seed in spring, and by autumn it will produce a bulb, which, if care is taken, will blossom the following spring.

Cyclamen Persicum. Choice mixed. Pkt., 25c.

DAHLIA.

A beautiful variety of plants, flowering in autumn. They are of easy cultivation, growing freely in almost any soil, from seed sown early in the spring. Sow the seed in shallow boxes, and transplant the seedlings. Seed offered by us saved from a fine French collection.

Dahlia, double. Choice mixed. Pkt., 10c.

SINGLE DAHLIAS.

The single varieties have attained a popularity almost amounting to a mania, being already so extensively used for corsage and personal adornment, for table designs, and for baskets and vases; through the months of August, September and October, as to almost rival roses, their many colors affording such a great scope in their disposal. A package of seeds will give as many varieties as there are plants that come to maturity. Pkt., 10c.

DATURA (Trumpet Flower).

A very ornamental class of plants, suitable for clumps, producing large, trumpet-shaped flowers. Hardy annual.

Datura. Mixed. Pkt., 10c.

DIANTHUS.

The Pink, Picotee and Carnation all belong to this genus. They are all noted for their large, sweet-scented, high-colored flowers and profusion of bloom. Sow early in the spring, in light soil, in shallow boxes; transplant the young plants, as soon as they have a few leaves, into small pots, or where they are to remain.

Dianthus chinensis. (China Pink). Choice colors. Mixed. Pkt., 10c.

Dianthus gardnerianus. Fringed, double. Pkt., 10c.

Dianthus Heddewigii. Hardy annual; choice. Pkt., 10c.

Dianthus diadematus. Superb variety; dwarf. Pkt., 10c.

Dianthus imperialis. Double Imperial Pink. Pkt., 10c.

Dianthus lacinatus. Beautifully fringed. Pkt., 10c.

Dianthus, Crimson Bell. Large, fringed flowers. Pkt., 10c.

DAISY.

A well-known favorite border plant. Needs a cool shaded place. Will bloom the first season, if sowed early.

Double white, red and variegated. Pkt., 10c.

DIGITALIS**Fox Glove.**

Handsome ornamental plant, of stately growth



Digitalis—Fox Glove.

"I hope the Seeds will be as good as those I have got of you for the past few years. I think every Seed must have come up." Mrs. TAYLOR, Arroyo Grande, Cal.

and long spikes of finely colored flowers. Fine for shrub-beries and half shady places.

Digitalis. Brilliant colors, mixed. Pkt., 10c.

Digitalis gloxinoides. Gloxinia-shaped flowers. Mixed. Pkt., 10c.

DELPHINIUM (Larkspur).

Plants remarkable for their beauty, diversity of shades, and ornamental qualities. The principal color is blue. Hardy perennial. Annual varieties (see Larkspur).

Delphinium. Dwarf German; fine mixed. Pkt., 10c.

DOLICHOS (Hyacinth Bean).

A beautiful class of quick-growing; ornamental climbers, flowering in clusters. Tender annuals. Purple, white, mixed. Pkt., 5c.



ESCHSCHOLTZIA, (California Poppy.)

An exceedingly showy, profuse flowering genus of plants, with extremely rich and beautiful colors; attractive for bedding, massing or bordering. Needs light, rich soil. Half-hardy perennial.

Eschscholtzia Californica. Bright yellow. Pkt., 5c.

Eschscholtzia. Mixed Colors. Pkt., 5c.

ETERNAL FLOWERS.

(or Everlasting.)

A very ornamental border plant; the blossoms are extensively used for winter bouquets.

Eternal Flowers. Many varieties, mixed. Pkt. 10c.

FEVERFEW (Matricaria).

Handsome, profuse, white, flowering, ornamental plants; fine for the garden, or pot culture.

Feverfew. Pkt., 5c.

FORGET-ME-NOT (See Myosotis).

FRENCH HONEYSUCKLE, (Hydesarum.)

A free-growing border plant of easy culture. Hardy perennial.

French Honeysuckle. Red and white. Pkt., 5c.

FUCHSIA (Ladies' Ear Drop).

A Well-known plant of easy culture, in pots for conservatory, parlor decorations, or the open ground. Very easily grown from seed. Half-hardy green-house perennial.

Fuchsia. Fine mixed, double. Pkt., 50c.



GAILLARDIA.

Splendid bedding plants, remarkable for profusion, size and brilliancy of their bright, pink flowers. Hardy annuals.

Gaillardia Lorenziana. Choice. Pkt., 5c.

GERANIUM.

Probably the geranium is better known and more admired than any other plant grown. In the last few years there has been great improvement both in color and in form of the flowers and brilliancy of foliage. Very easily raised from seed. Succeed best in sandy loam. Green-house perennial.

Geranium. Splendid mixed. Pkt., 10c.

Geranium pelargonium. (Lady Washington). Mixed. Pkt., 50c.

Geranium pelargonium. (Odie, or spotted). Mixed. Pkt., 50c.

GILIA.

Very pretty dwarf plants; will bloom in almost any situation. Desirable for massing.

Gilia. Rose, purple, white, blue, mixed. Pkt., 5c.

GLAUCIUM

(Horn Poppy.)

A showy plant, with long silvery leaves, gracefully recurved and deeply cut and curled, flowers bell-shaped, orange-yellow.

Gladium corniculatum. Pkt., 10c.

GLOBE

AMARANTHUS (Gomphrena)

A desirable everlasting flower; valued for its variety of colors; flowers are cut in summer and dried for winter bouquets; seeds germinate slowly; should be soaked in warm water before planting. Tender annual.

Mixed, all colors. Pkt., 5c.

GLADIOLUS.

A fine plant, with long spikes of flowers of various colors; easily raised from seed. Half-hardy bulb plant.

Gladiolus. French hybrid. Choice mixed. Pkt., 10c.



Gladiolus.

GLOXINIA.

A superb genus of conservatory and green-house plants, producing rich and beautiful colored flowers. Thrives best in sandy peat and loam. Sow in March on the surface, in a warm, moist atmosphere; transplant carefully in pots; in following spring re-pot and water freely. Will fully repay for care and attention. Perennial bulbs.

Gloxinia. Very choice varieties, mixed. Pkt., 50c.

GOLDEN FEATHER.

Beautiful golded-leaved border plants, retaining its ornamental character till late in autumn.

Golden Feather. Pkt., 10c.

GOURDS (Ornamental).

The varieties in our collection have been selected either for the ornamental character of the foliage, the singularity or symmetry of their fruit, or the variety of their coloring.

Gourds. Mixed. Pkt., 10c.

GRASSES (Ornamental).

Many varieties of the ornamental grasses are curious and beautiful. When dried and tastefully arranged with everlasting flowers, they make very attractive winter bouquets; for this purpose they should be cut while fresh and green (before turning yellow); tied in small bunches and hung up in the shade. They should be sown in April in good soil, thinned out or transplanted, giving each plant plenty of room.

Agrostis nebulosa. Exceedingly graceful and beautiful. Hardy annual. Pkt., 5c.

Avena sterilis (Animated Oats). Drooping, very graceful. Annual, two feet. Pkt., 5c.

Briza maxima (large Quaking Grass). Very elegant; one of the best ornamental grasses. Hardy annual, one foot. Pkt., 5c.

Coix lachrymæ (Job's Tears). A well-known variety. Half-hardy annual. Pkt., 5c.

Eragrostis elegans (Love Grass). Very graceful and beautiful. Annual, one foot. Pkt., 5c.

Erianthus ravennæ. Almost identical with the Pampas Grass, but more hardy. Hardy perennial. (For description see *Gynierum argenteum*.) Pkt., 10c.

Eulalia Japonica. New Japanese ornamental grass; height six to seven feet, circumference eighteen feet; a single plant having from thirty to forty elegant flower spikes of a violet color. Like Pampus Grass, it is adapted to lawn. Pkt., 10c.

Festuca rigida. Pkt., 10c.

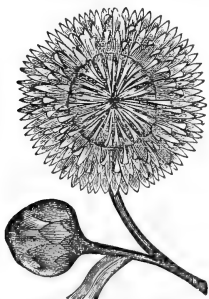
Gynierum argenteum (Pampus Grass). The finest and most noble grass in cultivation; very ornamental; almost universally grown in the public gardens of Europe; its flowers are large, silvery; blooms on stems about seven feet high. Pkt., 10c.

Hordeum jubatum (Squirrel-tail Grass). Very handsome; three feet. Pkt., 5c.

Panicum sulcatum. Feathery spikes. Pkt., 10c.

Stipa pennata (Feather Grass). Very graceful; start in a hot-bed. Hardy perennial; two feet. Pkt., 10c.

Zea Japonica (Striped Japanese Maize). Half-hardy annual; six feet. Pkt., 10c.

HELICHRYSUM.

Flowers are mostly used for winter bouquets, for which they are cut before blooms are expanded, and dried in the shade. Hardy annuals.

Helichrysum. Finest mixed, all colors. Pkt., 5c.

HOLLYHOCK.

The new varieties of an old favorite; rank with the Dahlia in its varied colors and stately growth. If sown early will bloom the first year. Hardy perennials.

Hollyhock. Fine double, mixed, Pkt., 10c.

GYPHOPHILA.

A pretty free-flowering, elegant little plant, well adapted for rustic rock-work, baskets and edgings, succeeding in any garden soil. Hardy annual.

Gypsophila elegans. White and pink, mixed. Pkt., 5c.

HELIANTHUS (Sun Flower).

A well-known, hardy plant, of stately growth, remarkable for the brilliancy and the size of flowers. Hardy annuals.

Helianthus Californicus. Double. Pkt., 5c.

Russian mammoth. Very large. Pkt., 5c.

Globosus fistulosus. Flowers very large, globular and of a rich saffron yellow. *The very best.* Pkt., 10c.

HELIOTROPE.

A well-known fragrant flower; excellent for bedding and pot-culture. Seed sown early in Spring makes fine plants for summer; light, rich soil. Half-hardy perennial.

Heliotrope. Mixed. Pkt., 10c.

Heliotrope (Dr. Livingstone). Very fine dark variety. Pkt., 10c.

Heliotrope (Madam de Blonay). White, for bouquets. Pkt., 10c.

HIBISCUS.

One of the most gorgeous of flowering plants; flowers, cream color, with rich brown center; one and one-half feet. Pkt., 10c.

IBERIS (Perennial Candytuft).

A profuse-blooming pretty little plant; useful for rockeries and hanging baskets. Hardy perennial.

Iberis sempervirens. White. Pkt., 5c.

ICE PLANT (Mysembryanthemum)

A pretty little trailing plant; with thick fleshy leaves, having the appearance of being coated with ice; suitable for hanging baskets.

Ice plant. Mixed. Pkt., 5c.

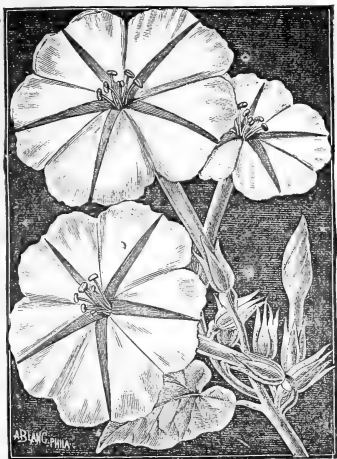
IPOMEA.

A beautiful genus of climbing plants; indispensable ornament for green-house and garden decoration. Annuals.

Ipomea quamoclit (Cypress Vine). Mixed. Pkt., 5c.

Ipomea. In many fine varieties; mixed. Pkt., 5c.

"The Lilies which I received of you last Spring were superb." Mrs. WILLIAMS, Tooe, Oregon.



IPOMEA BONA NOX.

Evening Glory.

A very ornamental climber and exceedingly beautiful for conservatory or garden decoration; large, fragrant white flowers, which expand in the evening; grows to a height of ten feet. Pkt., 10c.

IPOMOPSIS (Standing Cypress).

Remarkable, handsome free-flowering plants, long spikes of orange and scarlet flowers, almost unsurpassed for brilliancy and beauty; effective for conservatory or out-door decoration; succeeds in light, rich soil.

Ipomopsis. Fine mixed. Pkt., 10c.

JACOBEE (Senecio).

A useful and showy class of plants, of easy culture; does well in light, rich soil. Hardy annual. Purple, pink and white flowers.

Jacoebea. Fine mixed; double. Pkt., 10c.

KAULFUSSIA.

Pretty little free-flowering plants, of a neat, compact growth, exceedingly effective in beds or mixed borders. Hardy annuals.

Kaulfussia. Rose, white, violet, mixed. Pkt., 5c.

LATHYRUS (Everlasting Pea).

Showy, free-flowering plants, growing in any common soil. A good climber for covering fences or walls. Hardy perennial.

Lathyrus. Mixed colors. Pkt., 10c.

LANTANA.

These plants are rapid growers, forming small, hardy shrubs. The flowers are in Verbena-like heads, and embrace every shade of pink, purple, orange and white. Half-hardy perennials.

Lantana. Mixed. Pkt., 10c.

LARKSPUR.

Very ornamental plants, combining brilliant colors with great duration and profusion of bloom. The dwarf varieties are more effective in groups. The tall varieties are more desirable for large beds and cut flowers. Growing in good garden soil. Hardy annual.

Larkspur. Dwarf rocket, mixed. Pkt., 5c.

Larkspur. Tall rocket, fine mixed. Pkt., 5c.

Larkspur (New Giant). Hyacinth-flowered. Pkt., 10c.

Larkspur (Dwarf Ranunculus). Pkt., 10c.

LAVENDER.

A genus of plants cultivated for the delicious fragrance of its flowers. They succeed in any common garden soil. Hardy perennial.

Lavender. Lilac, two feet. Pkt., 5c.

LEPTOSIPHON.

Very desirable plant for edgings, rock-work, and ribbon beds, combining a great profusion of bloom with variety of colors. Hardy annual.

Leptosiphon. White, rose, lilac; mixed. Pkt., 10c.

LIMNANTHES.

An elegant and fragrant annual, very free blooming; good for beds, clumps, or edgings; easy of cultivation, and growing freely in any good garden soil. Hardy annual.

Limnanthes Douglasii. Mixed. Pkt., 5c.

LINUM (Flowering Flax).

One of the most effective and showy bedding plants. Hardy annual.

Linum grandiflorum. Crimson. Pkt., 10c.

LOASA.

A handsome genus of rapid-growing, free-flowering climbing plants, with curious and beautiful flowers, succeeding out of doors in any light soil.

Loasa. Orange, scarlet, and yellow. Mixed. Pkt., 10c.

LOPHOSPERMUM.

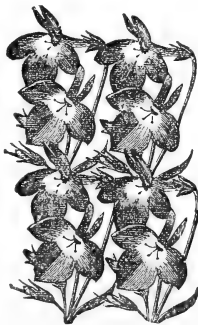
Exceedingly ornamental climbing plants, with large and handsome flowers, very effective for conservatory or garden.

Lophospermum. Carmine. Pkt., 10c.

LUPINS (Sun Dials).

A splendid genus of ornamental and free flowering garden plants. Seed should be sown in the open ground, where they are to remain.

Lupins. Mixed. Pkt., 5c.



LOBELIA.

Exceedingly pretty, profuse blooming plants, of easy culture and well adapted for bedding, edging rockeries, hanging-baskets and vases. Seeds should be covered lightly.

Lobelia, gracilis. Light blue, for baskets. Pkt., 10c.

Lobelia, speciosa. Very effective variety of bedding. Pkt., 10c.

Lobelia, Crystal Palace compacta. A beautiful compact variety. Pkt., 10c.

Lobelia Cardinalis (Cardinal Flower). Perennial. Pkt., 15c.

Lobelia. Fine mixed varieties. Pkt., 10c.



MARIGOLD.

Well-known, extremely showy garden plant, with handsome, double yellow and brown flowers, of varied shades. Succeeds in good garden soil. Annual.

Marigold. African; tall. Pkt., 5c.

Marigold. French; dwarf. Pkt., 5c.

MARTYNIA.

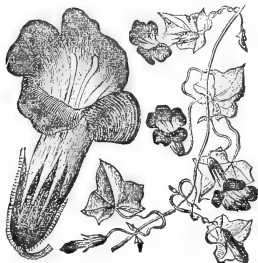
Handsome, free-flowering plants, producing a fine effect when planted in the open border; flowers as large and handsome as Gloxinias, succeeded by curious double-bordered fruit; half-hardy annuals.

Martynia. Mixed colors. Pkt., 10c.

MARVEL OF PERU (Four o'clock.)

Few plants combine so much beauty, both of flowers and foliage. Seeds to be planted where the plants are to remain. Hardy annual.

Marvel of Peru. Mixed colors. Pkt., 5c.



MAURANDIA.

This superb climber cannot be too highly recommended, either to decorate the conservatory or the flower garden. Blooms the first year from seed. Half-hardy perennial.

Maurandia. Choice mixed, violet, pink, white. Pkt., 10c.

MIGNONETTE (Reseda).

A well-known, fragrant favorite, if well thinned out, the plants will be stronger, and the flowers larger. Blooms throughout the season. Hardy annual.

Mignonette. Sweet large-flowered (25c. per oz.) Pkt., 10c.

Mignonette. Parson's new white. Pkt., 10c.

Mignonette. Improved, large flowering pyramidal. Pkt., 15c.

Machet. This extremely fine variety is undoubtedly the finest mignonette yet sent out. The dwarf and vigorous plants are of pyramidal growth, producing very thick stout flower stalks, throwing up numerous dark green leaves, which terminate in long, broad spikes of deliciously scented red flowers. It is the best possible sort for pot culture. Pkt., 10c.

Grandiflora Ameliorata. Plants pyramidal; flowers large and distinct, having stamens of a reddish tint; fifteen inches. Pkt., 5c.; oz., 30c.

MIMULUS (Monkey Flower).

Comprises numerous varieties, white, yellow-spotted, crimson, scarlet, and pink. Fine for baskets, conservatory, and sheltered places in the garden. Needs cool situation and rich soil. Half-hardy perennials.

Mimulus punctatus. Large, beautifully spotted blossoms; annual. Pkt., 10c.

Mimulus Cardinalis. Scarlet; one foot. Pkt., 10c.

Mimulus Tigrinus. An exceedingly beautiful, new, blotched and spotted hybrid, rivaling the Calceolaria in the variety of its bright colors. Mixed. Pkt., 10c.

MOMORDICA

Balsam, Apple and Pear.

Very curious trailing plants; with ornamental foliage, and remarkable fruit. Hardy annuals.

Momordica. From East Indies; ten feet; mixed. Pkt., 5c.

MUSK PLANT.

Cultivated on account of the musky odor of the plant. Needs rich soil and plenty of moisture. Cover the seeds slightly with earth, and keep the young plants warm and moist.

Musk Plant. (*Mimulus moschatus*). Pkt., 10c.



MYOSOTIS (Forget-me-not).

A charming little plant; very popular; producing beautiful, star-like flowers in great profusion. They succeed best in moist situations; will flower the first season if sown early. Half-hardy perennials.

Myosotis. Blue. Pkt., 10c.

Myosotis, alba. White. Pkt., 10c.

MORNING GLORY (See Convolvulus).

MOURNING BRIDE (See Scabiosa).

NASTURTIUM.

The dwarf varieties are among the most useful garden favorites, of close, compact growth, and rich colored flowers. The tall varieties are fine climbers, useful for vases, rock-work, trellises, and baskets. Hardy annuals.

Nasturtium. Dwarf, mixed; tall, mixed; tall, crimson; tall, yellow. Pkt., 5c.; oz., 30c.

NEMOPHILA (Love Grove).

This is one of the best dwarf hardy annuals, of compact growth, with very beautiful flowers, of varied shades and colors. Will do well all summer, if planted in a cool, shady place.

Nemophila. All colors, mixed. Pkt., 5c.

"My Pansies were delightful; also the other Seeds were satisfactory." Mrs. JENKINS, Sonoma, Cal.

NIGELLA.

Love-in-a-Mist, or Devil-in-a-Bush.

A very interesting free-flowering plant, with curious looking flowers and seed-pods; grows freely in any garden soil. Hardy annuals.

Nigella. Mixed. Pkt., 5c.



GENOTHERA (Evening Primrose).

A fine, free-flowering and useful class of plants for beds, borders, or rock-work. Succeeds in any good garden soil.

Genothera. Fine, mixed varieties. Pkt., 10c.

OXALIS.

Very attractive and beautiful plants, with richly colored flowers and dark foliage; suitable for the house, conservatory, rock-work, and baskets. Half-hardy perennials.

Oxalis rosea. Rose-colored flowers. Pkt., 10c.

PASSIFLORA, or Passion Flower.

Magnificent ornamental climbers, with remarkably handsome blue and white flowers; very fine for conservatories and gardens.

Passiflora. Mixed. Pkt., 10c.

NOLANA.

A beautiful genus of free-growing trailing plants; fine for rock-work, hanging baskets, old stumps, etc.; needs light soil. Hardy annuals.

Nolana. Blue, violet, white, yellow, mixed. Pkt., 10c.

(PANSY Heart's Ease).

Too well-known to need description. Seed may be sown under glass or in the open ground; if sown in the early spring, the plants will blossom late in the summer and during the fall. They need very rich soil and good care to keep the flowers large and fine; young plants give the largest flowers.

Pansy. English; choice mixed. Pkt., 25c.

Pansy, New Fancy. Of the finest European collection. Pkt., 50c.

Odier, or Blotched. Superb, large-eyed flowers, of very good shape, and beautifully blotched with rich and varied colors. Pkt., 25c.; $\frac{1}{4}$ oz., \$1.50.

Prince Bismarck. Remarkably beautiful; shades of brown and golden-bronze marbled. Pkt., 10c.

Snow Queen, or Snowflake. Flowers of delicate, pure, satiny-white. Pkt., 10c.; $\frac{1}{4}$ oz., 75c.

King of the Blacks, or Faust. Flowers intensely dark, almost coal-black. Pkt., 10c.; $\frac{1}{4}$ oz., 75c.

Lord Beaconsfield. New; large flowers of deep

purple-violet, shading off in the top petals to a white hue; highly effective. Pkt., 10c.; $\frac{1}{4}$ oz., 75c.

Emperior William. Flowers of a splendid ultra-marine blue, with a purple-violet eye. Pkt., 10c.

Fire-Dragon. Very brilliant. Pkt., 10c.

Violet, Margined with White. Very beautiful. Pkt., 10c.

Striped and Mottled Varieties. Very fine and exceedingly beautiful. Pkt., 10c.; $\frac{1}{4}$ oz., 75c.

Dark Purple. Rich, deep color. Pkt., 10c.; $\frac{1}{4}$ oz., 75c.

Azure Blue. Very fine. Pkt., 10c.; $\frac{1}{4}$ oz., 60c.

Light Blue. Lovely sky-blue. Pkt., 10c.

Deep Indigo-Blue. Very dark. Pkt., 10c.

Bronze-Colored. Pkt., 10c.

Brown-Red. Pkt., 10c.

Fawn-Color. Pkt., 10c.

Gold Margined. Pkt., 10c.

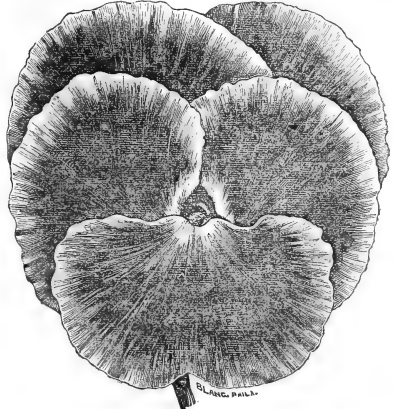
Mahogany-Colored. Pkt., 10c.

Havana-Brown. Pkt., 10c.

Pure Yellow. Large, golden flowers. Pkt., 10c.

Large Flowering. Very fine, mixed. Pkt., 10c.; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.00, oz., \$3.50.

Good Quality. Mixed. Pkt., 5c.; $\frac{1}{4}$ oz., 60c. $\frac{1}{2}$ oz., \$1.00; oz., \$2.00.



Giant Trimarceau Pansy.

GIANT TRIMARCEAU PANSIES.

An altogether distinct and beautiful new class of Pansy, the flowers being of very large size; some have measured four inches in diameter—in fact, larger than anything hitherto attained in the genus. Each flower is margined with large blotches or spots, and stands well above the foliage; the plants produce the same endless variety and beautiful shades of color that are found in other classes of Pansies. They bloom profusely throughout the season. Colors are very rich and beautiful. Pkt., 25c.



Double Portulaca.

PORTULACA.

Beautiful and popular hardy annuals, of the easiest culture, doing well in a sunny position and blooming profusely throughout the season.

Portulaca. Single, mixed. Pkt., 5c.

Portulaca. Double, choice mixed. Pkt., 10c.

**PHLOX DRUMMONDII****GRANDIFLORA.**

For a brilliant mass of colors and a constant display, is not excelled by any other plant. The colors range from white to the deepest shades of purple and crimson. Seed may be sown in the ground or started in a hot-bed. Half hardy annuals.

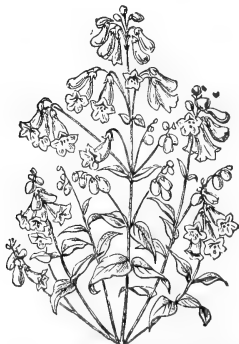
Phlox Drummondii grandiflora. Choice, mixed. Pkt., 10c.

d. Phlox Drummondii. Perennial, finest hybrid. Mixed. Pkt., 25c.

PICOTEE.

Equally suited for in-door and out-door culture, flowering freely, and having a delicious fragrance. Half-hardy perennial.

Picotee Pink. Choice European varieties, mixed. Pkt., 50c.

**PENSTEMON.**

Plants of a highly ornamental character, remarkable for the beauty and abundance of their blossoms. Half-hardy perennials.

Penstemon. Fine mixed, yellow, scarlet. Pkt., 10c.

PERILLA.

Ornamental-foliaged plant for garden decoration; leaves are mulberry or blackish purple; useful for ribbons or mixed flower borders. Half-hardy annual.

Perilla Nankinensis. Pkt., 5c.

PETUNIA.

A highly ornamental, easily cultivated garden and green-house favorite. Succeeds in any rich soil. If sown early in the spring, will blossom in June. Half-hardy perennial.

Petunia hybrida grandiflora. Large flowering; fine mixed. Pkt., 10c.

Petunia. New double. Pkt., 50c.

Petunia. Mixed, single. Pkt., 5c.

PYRETHRUM.

Handsome, free-flowering ornamental plants, producing a fine effect for borders. Hardy perennial.

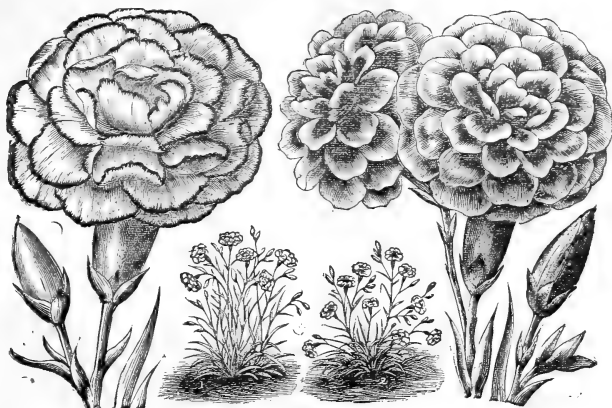
Pyrethrum roseum. Light red. Pkt., 10c.

RHODANTHE.

This is one of the handsomest annuals ever introduced, valuable alike for the decoration of the conservatory and flower garden; they are among the prettiest everlasting flowers for winter bouquets. Succeed best in light, rich soil, and a warm; sheltered situation. Half-hardy annuals.

Rhodanthe. Mixed colors. Pkt., 10c.

"Your Seeds have been of excellent quality, and true to name. I have bought Pansy Seed from New York, Philadelphia and Rochester. Your Prize Strain is the finest of all." Mrs. STODDARD, Santa Barbara, Cal.

**PINKS.**

A highly valued and well-known plant of easy culture, and of great beauty, doing well either in the garden or green-house. Hardy perennial.

Pink. Choice varieties mixed. Pkt., 10c.

POLYANTHUS.

Splendid spring flowering plant, either for pot-culture or the open border. Hardy perennials.

Polyanthus. Mixed. Pkt., 10c

POPPY.

A genus of showy, free-flowering plants, producing a rich and effective display in large, mixed borders. Hardy annuals.

Poppy. Carnation-flowered, double mixed; two feet. Pkt., 5c.

Poppy. Peony flowered, doubled-mixed. Pkt., 5c.

Poppy. Umbrosum. This makes a gorgeous display in the garden; its flowers are a rich vermillion, with a shining black spot on each petal. One of the most showy plants in our grounds last summer. Pkt., 10c.

Poppy bracteatum. Very large orange-scarlet flowers, averaging five inches in diameter. Perennial. Pkt., 10c.

PRIMULA (Chinese Primrose).

One of the finest winter-blooming plants; the single varieties blooming more freely than the double; fine for a window plant or the green-house. Succeeds best in sandy loam and leaf mould. Green-house perennial.

Primula sinensis fimbriata alba. Fringed white. Pkt., 50c.

Primula sinensis fimbriata rosea. Fringed rose. Pkt., 50c.

Primula sinensis fimbriata. Mixed Pkt., 50c.

Primula sinensis fimbriata. Double, white. Pkt., \$1.00.

Primula sinensis fimbriata. Double, red. Pkt., \$1.00.

Primula sinensis fimbriata. Double, mixed. Pkt., \$1.00.

RHODODENDRON.

Well-known and magnificent free-flowering evergreen shrubs, which should occupy a prominent place in every garden.

Rhododendron. Mixed. Pkt., 25c.

RICINUS.

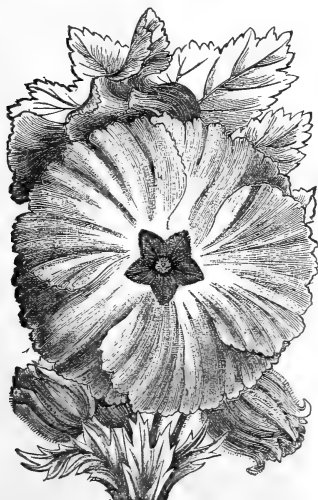
A very striking, ornamental-foliaged plant, fine for single specimens in the garden, giving quite an Oriental aspect. Half-hardy annual.

Ricinus (Castor Oil Plant). Pkt., 10c.

ROCKET (Hesperis).

Very pleasing, early spring, profuse blooming plants, with very fragrant flowers; easily raised, grows freely in any soil.

Rocket. Mixed. Pkt., 5c.



SALPIGLOSSIS.

Remarkably beautiful autumn-blooming plants, with funnel-shaped flower, curiously veined and marbled. Half-hardy annuals.

Salpiglossis. Choice mixed. Pkt., 10c.

SALVIA (Flowering Sage).

Fine bedding plants, with gorgeous spikes of scarlet, white and blue. Seeds sown in March, under glass, will flower in July. Half-hardy perennials.

Salvia. Mixed. Pkt., 10c.

SCABIOSA,

(Mourning Bride or Sweet Scabious.)

A beautiful border-plant, producing a great profusion of flowers in various shades of carmine, purple and white. Easy to raise in any good garden soil.

Scabiosa. Tall, mixed; dwarf mixed. Pkt., 5c.

SCHIZANTHUS.

A splendid class of plants, combining elegance of growth and profusion of beautiful flowers; valuable in the garden and green-house. White, purple, yellow and crimson. Half-hardy annual.

Schizanthus. Finest mixed colors. Pkt., 5c.

SENSITIVE PLANT.

A curious annual plant, the leaves closing if touched or shaken. Should be raised under glass, and not transplanted to the open ground until the weather is warm, or kept in the conservatory.

Sensitive Plant (*Mimosa pudica*). Pkt., 5c.

(SILENE Catch Fly).

Ornamental genus of free-flowering plants, well adapted for spring and summer, blooming in beds, rock-work, etc. Purple, white, pink and lilac. Hardy perennial.

Silene. Choice colors, mixed. Pkt., 5c.

Silene (*Pendula compacta*). Plant dwarf and compact, forming dense cushions, two or three inches in height, and from nine to twelve inches in diameter, which, during the season, are perfectly solid with bloom. Pkt., 10c.

SNAPDRAGON. (See *Antirrhinum*.)**STATICE.**

Should be extensively cultivated on account of its exceedingly interesting blossoms, which remain long in beauty; ought to be in every garden. Sow in sand or in loam in the house, and transplant into the garden. Hardy perennial.

Statice. Choice, mixed. Pkt., 10c.

STOCK (Stock Gillyflower).

The Stock has for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. The seed is grown with such great care that a very large proportion of double flowers are produced from the seed, and of great fragrance and beauty. To have them in bloom early, start in hot-bed, and transplant when small into pots, and turn out in June to open border. They will blossom late in the season if planted in open ground. Hardy annual.

Stock (German, Ten-week). Large-flowering, extra fine, mixed. Pkt., 10c.

Stock (German Ten-week). Large-flowering, extra fine, white. Pkt., 10c.

STOCK (Intermediate).

The Intermediate Stocks are valuable on account of their flowering late in the fall, also as pot-plants for early spring blooming, for which purpose the seeds should be sown in July or August. If the Intermediate Stocks are sown at the same time as the Ten-week, they will succeed them in bloom.

Stock (Intermediate). Choice Mixed. Pkt., 10c.

STOCK (Brompton and Emperor).

The Emperor, or Perpetual Flower, may be treated in the same manner as the Intermediate Stock. They frequently last several years, if protected from the frost. The Brompton is a biennial of branching habit, producing a grand display when in bloom. Two feet.

Stock (Emperor, or Perpetual). Finest mixed. Pkt., 10c.

Stock (Brompton, English, or Winter). Mixed. Pkt., 10c.

SWEET SULTAN.

Sweet-scented, profuse flowering plants, very effective in mixed or shrubby borders; grow freely in rich soil. Hardy annuals.

Sweet Sultan. Mixed, purple, white, yellow. Pkt., 5c.

**SWEET PEAS.**

These old garden favorites are grown with so little trouble that when the class is enriched by the addition of varieties that are entirely different from what we are familiar with, it is a great gain. Fine for covering fences or walls. Sow three inches deep, an in-h apart, and as early as possible. Hardy annuals.

Adonis. Most charming, new, bright rosy Sweet Pea, which forms a very striking contrast to the already existing beautiful varieties of these general favorites. Pkt., 10c.

Butterfly. Pure white ground, delicately laced with lavender-blue. Pkt., 10c.

Captain Clark. Scarlet, flushed and mottled with white; wings flaked and margined rosy purple. Pkt., 10c.

Crown Princess of Prussia. Blush, shading to rose. Pkt., 10c.

Princess Beatrice. This entirely distinct variety is of a rich and beautiful carmine-rose, slightly shaded with lighter and darker tints. Pkt., 10c.

Sweet Peas. Violet Queen. Pkt., 10c.
 " " Mixed, Pkt., 5c.; oz., 15c.
 " " Black, purple, scarlet, white, scarlet
 invincible. Pkt., each, 5c.; oz., 15c.

SMILAX.

There is no climber in cultivation which surpasses this in graceful beauty of its foliage and orange fragrance of its flowers; can be used either to droop or climb. Unsurpassed for light wreaths and floral decorations; easily raised from seed. Green-house climber.

Smilax. Pkt., 25c.

SWEET WILLIAM.

A well-known popular favorite, very hardy; has been greatly improved of late years. Hardy perennials.

Sweet William. Fine mixed. Pkt., 5c.

Sweet William. Mixed double. Pkt., 10c.

TAGETES.

A beautiful, delicate, fern-leaved plant, forming a compact globular bush, and covered with bright yellow blossoms, with a reddish brown stripe through the center of each petal; a species of Marigold. Half-hardy annual.

Tagetes signata pymila. One foot. Pkt., 10c.

THUNBERGIA.

A slender and rapid-growing climber, with extremely pretty buff, white, and orange flowers and handsome foliage. Good for warm situations out of doors. Seeds require to be started under glass. Half-hardy annuals.

Thunbergia. Mixed. Pkt., 10c.

TORENIA.

A very fine, new annual, with large sky-blue blossoms, with three large spots of dark indigo-blue; and a yellow stain in the center. Sown from February to April in pots and kept under glass; it will flower from June to September. The prettiest annuals for cultivation under glass, but will thrive well in open air during the warm season of the year.

Torenia Fournieri. Pkt., 10c.

TROPOLEUM.

Beautiful and easily cultivated climbers; well adapted for conservatory or for trellises, verandas, and rustic work out of doors. Half-hardy annual.

Tropeolum peregrinum. (Canary bird flower.) Pkt., 10c.

Tropeolum lobianum. Choice mixed. Pkt., 5c.

VALERIAN.

Showy plant for mixed borders or shrubberies bearing large corymbs of bright flowers; bears shade and moisture well; hardy perennial.

Valerian. All colors, mixed. Pkt., 5c.

VENUS' LOOKING GLASS.

A very pretty hardy annual, succeeding well in any soil; grows about a foot high, and is useful for borders and edging; flowers are blue and white.

Venus Looking-Glass (*Campanula speculum*.) Mixed. Pkt., 5c.

VERBENA.

No plant equals the Verbena as a bedding plant. The flowers are almost every shade and color, blooming freely the first year from seed. Sow the seed under glass, early in the spring, and transplant where they are to remain when four inches high. Half-hardy perennial.

Verbena hybrida. Coccinea, scarlet, blue, purple, Italian striped, white, large-flowered, fine mixed. Pkt., 10c. Each color separate; pkt., 10c.

VINCA (Madagascar Periwinkle).

A genus of beautiful shrubs. If sown early in heat and transplanted to a warm situation in the garden about May or June, they will flower beautifully in the autumn, and may be potted for the house before frost.

Vinca. Mixed. Pkt., 10c.

VERONICA.

Showy plants for pot-culture or the open border. Half-hardy annual.

Veronica. Blue and white, mixed. Pkt., 10c.

VIOLET.

A well-known favorite, much admired for the delicate fragrance of its flowers, and its profusion of bloom. Suitable for edgings and borders, doing best in a cool, sheltered situation. Hardy perennial.

Viola odorata. Sweet-scented, blue. Pkt., 10c.

" " Sweet-scented, white. Pkt., 10c.

VIRGINIA STOCK.

Extremely beautiful, free-flowering little plants for beds, baskets or edging, growing freely in any soil. Flowers are red and white. Hardy annual.

Virginia Stock. Mixed. Pkt., 5c.

VISCARIA (Rose of Heaven).

Pretty, profuse-flowering plant, adapted for beds, edgings, or clumps, growing readily in any garden soil. Flowers pink and white. Hardy annual.

Viscaria. Mixed. Pkt., 10c.

WALL-FLOWER.

A well-known plant, much esteemed for the delicious fragrance of its flowers. Easily raised from seed; suitable for a background and among shrubbery. Half-hardy perennial.

Wall Flower. Mixed, single. Pkt., 5c.

" " Mixed, double. Pkt., 10c.

" " Mixed, double, German, extra fine. Pkt., 25c.

WHITLAVIA.

An elegant annual, producing handsome blue and white bell-shaped flowers. Needs a light sandy soil; plant the seeds where they are to remain.

Whitlavia grandiflora. Mixed. Pkt., 10c.

WISTARIA.

This is one of the most popular of our hardy vines, growing rapidly to a height of fifty feet or more, and when in bloom is truly magnificent, bearing long, pendulous clusters of pale-blue flowers. Needs good soil.

Wistaria sinensis (Chinese Wistaria). Pkt., 20c.

XERANTHEMUM.

A showy class of everlasting. The flowers, when gathered young, are useful for winter bouquets. Hardy annual.

Xeranthemum. Mixed. Pkt., 10c.

ZINNIA ELEGANS

Youth and Old Age.

Very handsome fall-flowering plants, of great richness and variety of color. The double Zinnia is one of the finest annuals in cultivation, its splendid double flowers rivaling in beauty, size and form moderate sized dahlias. Half-hardy annuals.

Zinnia. Double carmine, double purple, double crimson, double orange, double lilac, double deep scarlet, double pure white. Pkt., 10c.

Mixed. Pkt., 10c.

❖❖❖ FRUIT TREES. ❖❖❖

It takes two or three days to fill a tree-order from our nursery; but will be executed and forwarded as soon as possible. When customers order long lists containing less than six of a variety, single rates will be charged; more than six or less than 25 will be charged at dozen rates; 25 of one variety charged at 100 rates; 250 will be charged at 1,000 rates. Trees are free from scale, bug, and other insect pests. Packing charges for less than 100 trees will be 25 cents.

APPLES.

PRICE.—One year old, extra size, 25c. each, \$2.50 per dozen, \$18.00 per hundred; one year old, 20c. each, \$2.00 per dozen, \$12.50 per hundred, \$90.00 per thousand.

SUMMER APPLES.

Summer Pearmain. Size above medium.
Early Harvest. Pale yellow; fine for eating and cooking.
Red Astrachan. Large, deep crimson.
Red June Carolina. Small or medium; deep red.
Gravenstine. Beautiful, large striped.
Maiden's Blush. Skin yellow, red cheek.
Early Strawberry.
White Astrachan. A good market sort.

AUTUMN APPLES.

Alexander. Large, mottled with red.
Fall Pippin. Very large, rich yellow.
Golden Pippin. Large, pale green.
Jonathan. Red, tender, juicy and rich.
King of Tompkins Co. Large, red.
Rambo. Streaked yellow and red.
Rhode Island Greening.
Roxberry Russett. Popular in New England.

WINTER APPLES.

Baldwin. Well-known, large red apple.
Ben Davis. Large, yellow, red streaked.
Bell Flower. Large, yellow.
Esopus Spitzenberg. Large, red.
Grimes' Golden. Favorite western apple.
Hubbardston Nonsuch. Large, striped with yellow, and rich.

Lady Apple.
Nickajack. A southern apple.
Northern Spy. Large, yellow, red striped.
Rome Beauty. Large, yellow, red striped.
Swaar. Large, good table apple.
Smith's Cider. Large, mottled red and yellow.
Wagoner. One of the best apples.
Winesap. Medium size, dark red, striped.
Yellow Newtown Pippin. This is the best California winter apple.

White Winter Pearmain. Large, pale yellow.
Newtown Spitzenberg (Vandevera). Yellow, striped with red.

CRAB APPLES.

Hyslop. Large, red; fine for cooking or cider.
Red Siberian Crab. A beautiful little fruit; highly esteemed for preserving.
Yellow Siberian Crab. Beautiful golden yellow.

PEARS.

PRICE.—Extra size, 30c. each; \$3.00 per dozen; \$15.00 per hundred; \$120.00 per thousand.

SUMMER PEARS.

Bartlett. Large, bright yellow.
Bloodgood. Medium, buttery, good. Ripens before Bartlett.
Beurre Giffard. Medium, yellow.
Clapp's Favorite. Large, yellow.
Dearborn Seedling. Small, pale yellow.
Madeline. Medium size. Very early.

AUTUMN PEARS.

Belle Lucrative. Medium size, melting, rich, delicious.
Beurre Bosc. A large russet pear.

Beurre Clairgeau. Large; valuable for market.
Beurre Diel. One of the largest pears; a rapid grower.
Beurre Hardy. Large, greenish; a good shipper.
Beurre Superfine. Large yellow, juicy sub-acid flavor.

Columbia. A large, showy fruit.
Duchesse d'Angouleme. Very large.
Doyenne du Comice. Large, fine, yellow.
Fall Butter. This old and well known pear succeeds well in this State.
Flemish Beauty. Large, pale yellow, with reddish brown cheek.

Howell. Large, handsome, sweet, hardy and productive.

Louise Bonne de Jersey. A large, handsome, pear; yellow, with dark red cheek.

Urbanista. A large, melting, buttery pear.

Seckel. Small, yellowish brown; the richest, highest flavored pear known.

Keiffer's Hybrid. 40c. each; \$4.00 per dozen.

Leconte. 40c. each; \$4.00 per dozen.

WINTER PEARS.

Beurre Bretonneau. Large golden.
Doyenne d'Alencon.
Easter Beurre. Fruit large, flesh melting.
Glou Morceau. Large yellow.
Josephine de Malines. Medium to large size; pale straw color.

Pound Pear. A monstrous pear.

Vicar of Wakefield. Large, pale yellow.

Winter Nellis.

Winter Seckel. (Dana's Hovey).

P. Barry. This pear was originated by the late B. S. Fox, of San Jose, and is acknowledged by our best judges to possess qualities unequalled by any of our long keeping pears. It is large, deep yellow, nearly covered with a rich, golden russet; flesh whitish, firm, juicy, melting, sweet, slightly vinous, and rich; an early and prolific bearer. December and January.

PEACHES.

PRICE.—One year old, extra size, 25c. each; \$3.00 per dozen; \$20.00 per hundred.

Brigg's Red May. Large, red, early.
Early Crawford. Large, yellow.
Early Rivers. A large peach; white with red cheek.
Early Strawberry. Medium size.
Early Tiltonson. Medium size; white, red cheeks.
Hale's Early. Medium size; flesh white.
Late Admirable. Very large, flesh greenish white.
Late Crawford. Large yellow peach.
Morris White. Rather large, creamy-white; very fine for canning.

Old Mission Tree. Large, flesh white.
Waterloo. Specimens measured ten inches in circumference. 35c. each; \$3.50 per dozen.

Piquet's Late. Large, yellow; red cheek.
Salway. Large, yellow with red cheek. 35c. each; \$3.50 per dozen.

Smock's Late. Orange; red at stone.
Ward's Late. Large, white, with red cheek.

PEACHES (Clingstones).

Orange Cling. A very large, roundish fruit, yellow flesh; excellent for market or canning.

McKeever's Cling. Originated with Mr. McKeever, of Vacaville, California, who says of it: "When grown under ordinary circumstances, it is useless to look further

for a better white cling-stone peach; it is very large, thick-meated, white to the pit, smooth surface, and thin skin. Tree very vigorous and heavy bearer, does not curl. Very profitable for canning and market."

George's Late. Large; flesh white.
Heath. Very large; flesh greenish white.
Lemon. Large; flesh yellow.
Newington. Large, white.
Old Mixon. Large; flesh white.

CHERRIES.

PRICE.—Extra size, 30c. each; \$3.00 per dozen; \$18.00 per hundred; \$125.00 per thousand.

HEART AND BIGARREAU.

Bauman's May. Small, heart-shaped, dark red.
Bigarreau, Cleveland. Large; clear red.
Bigarreau, Napoleon (Royal Ann). Very large; amber. 40c. each; \$3.00 per dozen.
Bigarreau, Rockport. Large; bright red.
Black Tartarian. Very large; bright black.
Burr's Seedling. Large; whitish yellow.
Coe's Transparent. Medium size, pale amber.
Early Purple Guigne. Medium size, purple.
Elkorn. Large, deep black; very firm.
Elton. Large, pale yellow.
Governor Wood. Large, light yellow, shaded with red.

Knight's Early Black. Large, black, rich and sweet.

Monstrous de Mezel (Great Bigarreau). Very large, nearly black, firm and juicy.

DUKE AND MORRELLO.

Arch Duke. Red; sub-acid flavor.
May Duke. Large, dark red, fine flavor.
Belle de Choisy. Medium size, amber.
Early Richmond. Good for drying.
Reine Hortense. Very large, red.
Rumsey's Late Red. Large, rich red.
Olivet. A new Duke variety, of French origin, unlike most others of its class it is said to be very early, and to ripen over a long period; fruit very large; globular, and of a deep, shining red; tender, rich and vinous, with a very sweet sub-acidulous flavor.

APRICOTS.

PRICE.—Extra size, 35c. each; \$3.50 per dozen; \$25.00 per hundred.

Hemskirke. A large and very fine apricot.
Large Early. Large, juicy and rich.
Moorpark. Largest size, rich yellow.
Royal. A fine early variety, popular in many places as a regular bearer.
Shipley (Blenheim). Above medium; flesh juicy and rich.

PLUMS.

PRICE.—Extra size, 35c. each; \$3.00 per dozen; \$18.00 per hundred.

Bleeker's Gage. Yellow flesh, juicy.
Bradshaw. Very large, purple.
Cherry Plum. Very early, red, sweet.
Kelsey Japan Plum. Fruit very large, as large as an ordinary peach; roundish, or inclined to be conical; color greenish yellow, with faint red cheek; adheres closely to the pit, which is very small; flesh firm and juicy; it is the best keeper known. We know of no plum that can be shipped so long a distance.

Coe's Golden Drop. Large oval, yellow.
Coe's Late Red. Medium size, round.
Columbia. Very large, purple, round.
Damson. Small, purple.
Duane's Purple. Large, oval, deep purple.
Early Golden Drop. Small, yellow.
General Hand. Very large, yellow.
Green Gage. Small, nearly round, green.
ICKWORTH'S IMPERATRICE. Medium size, purple.
Imperial Gage. Medium size, oval, greenish.
Jefferson. Large, oval, yellow.

Yellow Egg. Very large and sweet.
Red Egg. Large, deep red.
Prince Englebert. Large, skin purple.
Peach Plum. Very large, reddish brown.
Quackenbush. Very large, nearly black.
Victoria. Beautiful, light purple color.
Washington. Large, round, pale yellow.

PRUNES.

PRICE.—Extra size, 35c. each; \$25.00 per hundred; \$200.00 per thousand.

German Prune. Medium size, purple.
Petite Prune d'Agen (French Prune), medium size, purple.

NECTARINES.

PRICE.—Extra size, 30c. each; \$3.00 per dozen; \$20.00 per hundred.

Boston. Large, oval, yellow.
Downton. Fruit large, pale green.
Early Newington. Large, pale green.
Hardwicke. Large, pale green, red cheek.
New white. Large white.
Stanwick. An English variety.

FIGS.

PRICE.—Extra size, 35c. each; \$3.50 per dozen; \$25.00 per hundred.

Black Ischia. Medium size; dark violet; very sweet and luscious.
Brunswick (Smyrna). Very large, yellow; rich and excellent flavor.
California Black. Large; dark purple; very productive.
White Ischia. Small, high flavor, good; early bearer.
White Adriatic. Medium size; white.

QUINCES.

PRICES.—Extra size, 30c. each; \$3.00 per dozen; \$20.00 per hundred.

Apple or Orange. Large, bright yellow; abundant bearer.
Angers. Large, yellow; late.
Portugal. Large size; orange color.

NUTS.

Almond, Duchess, or Paper Shell. Fruit large, shell thin. 35c. each; \$3.00 per dozen; \$20.00 per hundred.

Almonds, King's Soft Shell. Shell very thin and soft. 35c. each.

Almond, Languedoc. The well-known variety; most extensively planted. 35c. each.

I. X. L., Nonpareil.

Ne Plus Ultra.

Chestnut, Italian or Spanish. A highly ornamental tree; bears a large, excellent fruit. 50c. each; \$4.00 per dozen.

Chestnut, Japanese. A monstrous fruit; larger than the European, and flavored like the "Sweet American." Trees bear quite young. 75c. each; \$6.00 per dozen.

Chestnut, Sweet American. Our native species; smaller than the Spanish, but sweeter. 50c. each; \$4 per dozen.

Pecan Nut. 50c. each; \$4.50 per dozen.

Walnut, English or Madeira Nut. 50c. each; \$3.50 per dozen; \$25.00 per hundred.

Walnut, Dwarf Prolific (Preparuriens). A dwarf-growing, early-bearing variety, suitable for small gardens. 50c. each; \$4.50 per dozen.

Butter Nut. 75c. each; \$5.00 per dozen.

Walnut, Black American. Native species also, and valuable for its timber. 40c. each; \$4.00 per dozen.

Walnut, California. Native species also, and valuable for its timber. 40c. each; \$4.00 per dozen.

FOREIGN GRAPES.

PRICE.—One year, 15c. each; \$1.50 per dozen; \$4.00 per hundred.

Black Hamburg. Bunches and berries large, black, very sugary and rich.

Black Malvoisa. Bunches large and long; good for wine and table use.

Black Morocco. Very large, rich, sweet.

Buckland Sweetwater.

California Black. The well-known Mission grape.

Canon Hall Muscat. Medium size, white grape, very sweet.

Golden Hamburg. A new variety; berries large, white, and juicy, sweet and rich.

Lady Downs. Black, sweet, richly flavored, very late.

Flame Tokay. A magnificent, large, red grape.

Sweetwater. Bunches good size; berries medium size, round fruit.

Muscat Hamburg. A new variety; resembles black Hamburg.

Muscat of Alexandria. Bunches and berries large, pale amber, one of the best for raisins.

Riesling. An excellent wine grape, producing Riesling wine.

Rose of Peru. Very large bunches, berries rounding, brownish black.

Zinfandel. Bunches large; valuable for wine.

AMERICAN GRAPES.

This class of grapes is useful in localities where the more tender foreign varieties will not succeed on account of the severe winters. They are also the best for arbors and trellis growing;

PRICE.—25c. each; \$2.00 per dozen.

Catawba. Medium size bunches; berries large, coppery red, sweet; foxy flavor.

Concord. Bunches large, compact; berries large, round, light red, sweet, foxy flavor.

Isabella. Bunches long and loose, berries large, oval, purple black, sweet and musky.

CURRENTS.

Well-rooted bushes, 15c. each; \$1.00 per dozen; \$6.00 per hundred; \$40.00 per thousand.

Black Naples. Berries large and black.

Cherry Currant. Large red currants.

White Grape. Bunch and berry large, with fine transparent skin.

White Dutch. A fine old variety, very productive and excellent.

BLACKBERRIES.

PRICE.—\$1.00 per dozen; \$5.00 per hundred.

Lawton.

Kittatinny. Large, glossy black, ripens early.

Wilson's Early. Fruit large.

RASPBERRIES.

PRICE.—\$1.00 per dozen; \$3.50 per hundred; \$15.00 per thousand.

Herstine. Large, light, bright crimson.

Queen of the Market (Cuthbert). Fruit large, a bright crimson color.

Yellow Antwerp. Large, yellow.

Davidson's Thornless. Early variety of Black Cap.

Doolittle's Black. A fine table fruit.

Mammoth Cluster. The largest Black Cap.

GOOSEBERRIES (American).

Downing. Roundish oval, skin smooth, excellent flavor. 20c. each; \$2.00 per dozen.

Houghton's Seedling. Vigorous grower, very productive. 20c. each; \$2.00 per dozen.

Smith's Seedling. A strong grower; flesh moderately firm, sweet and good.

OLIVE TREES.

Picholine. Very heavily rooted, perfect trees, 8 to 12 inches high, each 25c; per 100, \$16; per 1000, \$150; \$125 per 1,000 in 10,000 lots.

Picholine. 2½ to 5 inches in boxes, heavily rooted, grown out of doors, per 100, \$8; per 1,000, \$60; \$50 per 1,000; in 10,000 lots.

Regalis, Manzanillo, Nevadillo Blanco, Rubra, Beca Rufa, Praecox, Etc. 1 to 2 feet high, 75 cents each.

Mission. 6 feet; each 75 cents, per 100, \$60 00.

" 4 " " 65 " " 50 00.

" 2 " " 40 " " 35 00.

" 1 " " 25 " " 20 00.

" 6 to 8 inches in pots, 20 cents each; per 100 \$15.00

ORANGES, LEMONS AND LIMES.

PRICE.—Two year olds, from graft, \$2.50 each.

Sicily Orange.

Navel Orange.

Lisbon Lemon.

Sicily Lemon.

Mediterranean Sweet.

St. Michael.

MISCELLANEOUS FRUITS.

Pomegranate. 50c. each.

Loquat (Japan plum). 50c. each.

Medlar. 75c. each.

Mulberry. (American and Downings). 75c. each.

STRAWBERRY PLANTS.

PRICE.—\$1.50 per hundred; \$7.00 per thousand.

Captain Jack. Bright red, firm.

Crescent Seedling. Immensely productive, size medium.

Glendale. Very late, large and firm.

Monarch of the West. Strong grower; color bright red.

Miner's Prolific. Large, deep crimson.

Sharpless. A mammoth variety; deep, clear red.

Wilson's Albany. Fruit large, deep crimson.

JAPANESE PERSIMMONS.

A magnificent new fruit from Japan; tree highly ornamental; fruit beautiful in appearance, and excellent in quality. We offer the following varieties, imported directly from that country. 35c. each; \$3.50 per dozen; \$25.00 per hundred.

Among. Large, round, a little flattened, orange color.

Haycheya. Large, oblong, rich color; one of the best.

Kurokuma. Large, round, a little flattened at the stem.

Seedless. Very large, oblong, pointed, high colored, and often nearly or without seeds.

Vingi. Medium size, ripens early, and is of the best for drying.

Masu. Represented as a new variety, of the largest size and finest quality.

ROOTS.

Asparagus. Conover's Colossal. Large roots. \$1.50 per hundred; \$7.50 per thousand.

Rhubarb Roots. 25c. each; \$1.50 per dozen; per 100, \$8.00.

Hop Roots. 60c. per dozen.

Hop Roots.—Male. 25c. each.

"My Pansies were delightful; also the other Seeds were satisfactory." MRS. JENKINS, Sonoma, Cal.

MISCELLANEOUS BULBS.



Single Hyacinth.



Double Hyacinth.



Single Tulip.



Double Tulip.

HYACINTHS.

All extra fine, large bulbs, which will bloom splendidly and make a grand display.

Hyacinths. 10c. each; \$1.00 per dozen; \$7.00 per hundred.

Extra Choice Named. Single and double. 20c. each; \$2.00 per dozen; \$15 per hundred.

MIXED TULIPS.

Fine Mixed Early Single. 5c. each; 40c. per dozen.

Parrot. 5c. each; 40c. per dozen.

Double. 5c. each; 40c. per dozen.

CHOICE NAMED TULIPS.

Choice Named. \$1.00 per dozen.

ANEMONE.

Double. Best colors, mixed. 5c. each; 25c. per doz.

Single. Best colors. 5c. each; 25c. per dozen.

CROCUS.

Mixed. All colors. 25c. per dozen.

RANUNCULES.

Mixed French. 5c. each; 50c. per dozen.

AMARYLLIS.

Very beautiful lily shaped flowers, varying in color from a white and pink to deepest red, and growing in clusters of from two to ten on a central stalk.

A. Hybrida. Large, crimson, white striped.

A. Vallota. Very handsome, brilliant scarlet flowers, requires the same treatment as a Gladiolus. Each, 50 cents.

A. Vittata. Handsome species, bearing white flowers with deep rose colored stripe through the center of the petals. Strong bulbs. Each, 50c.

A. Formosissima (Jacobean Lily). Flowers of a deep velvety crimson color, handsomely formed and very striking. A favorite Amaryllis. Each 20c.

Crinum amabile. A magnificent and rare plant, making large, white, star shaped flowers of delicious fragrance. 50c. each.

Cyclamen Persicum. Extra fine mixed. 25c. each; \$2.50 per dozen.

Dielytraspectabilis (Bleeding Heart). 20c. each \$1.50 per dozen.

Freesia refracta alba. This charming flower has already become a favorite, and the ready facility with which it can be forced into bloom makes it highly prized by florists; the flowers are deliciously fragrant and are borne profusely. 10c. each; \$1 per dozen.

Gloxinia. Finest mixed varieties. 25c. each; \$2.50 per dozen.

Hedychium Gardnerianum. A tuberous-rooted plant, growing five to six feet high, producing continually its peculiar shaped flowers of pale yellow and cream color; exceedingly fragrant, evergreen. 25c. each.

Helianthus multiflorus. Hardy perennial sunflower; double, yellow; like a dahlia, producing its flowers in the greatest profusion during the entire summer. 15c. each.

Ixia. Finest mixture. 5c. each; 50c. per doz.

Erythronium grandiflorum. 60c. per doz.

Fritillaria. 10c. each.

Lily of the Valley. Strong clumps. 50c. each.

Lily of the Valley. Strong pips, 50c. per doz.

Oxalis rosea. The most brilliant pot or border Oxalis. Three distinct sorts. 10c. each; 50c. per doz.

Pæonies. All colors, named varieties. 50c. each.

Sparaxis. In beautiful mixture, 10c. each; 75c. per doz.



CHINESE SACRED LILY.

This variety is one of the prettiest of the Tazetta, or Bunch Flowering Narcissus, and is the sort grown by Chinamen for use in their New Year festivals. The bulbs are very large, averaging three to four inches in diameter, and as they throw up several stems when well grown, the flowers are produced in profusion. It is very easily handled, bears pure white flowers with a lemon or orange cup, and can readily be brought into bloom when grown in water. The bulbs we offer are the TRUE VARIETY. 25c. each; \$2.50 per doz.

Narcissus incomparable. Double yellow, 10c. each; \$1.00 per doz.

" **Trumpet Major** (Single Daffodil). 10c. each; \$1.00 per doz.

" **Biflorus.** Creamy-white, delicious perfume. 10c.

" **Bifrons.** Golden yellow. 10c.

" **Poeticus.** Red cup. 10c.

" **Stella.** White, yellow cup. 10c.

" **Trumpet Major.** Golden yellow trumpet. 10c.

" **Yellow Hoop Petticoat.** 10c.

" **Albo pleno.** Double, white; very fragrant. 10c.

" **Incomparable.** Double; sulphur yellow. 10c.

" **Orange Phoenix.** Large double white, orange center. 10c.

" **Tratus cantus.** Fine double yellow. 15c.

" **Van Sion.** Yellow daffodil. 15c.

" **Gloriosa.** Large, single, white; orange center. 10c.

Narcissus Grand Monarch. White; yellow cup. 15c.

" **Grand primo.** White; orange cup. 15c.

" **Grand Soliel d'Or.** Golden yellow. 15c.

" **Staten General.** Pure white. 15c.

" **Paper White.** 10c.

Spiræa Japonica. Large clumps of most graceful habit; white flowers. 20c. each; \$2 per doz.

Snowdrops. Single. 30c. per doz.

Tuberoses, the Pearl. Produces large and very double flowers on shorter stems than the common variety. Extra strong bulbs. 10c. each; \$1 per doz.

Tigridia conchiflora. An exceedingly showy and effective variety; flowers large and attractive; yellow, with large brown blotches. 10c. each; 75c. per doz.

Madeira vine. 50c. per doz.

Dahlias. Fine collection of twenty best imported varieties. All colors (double). 25c. each; \$2.00 per doz.

Dahlias. Fine single varieties. Each, 25c.; \$2.50 per doz.

Dahlia Imperialis. 14 to 20 feet high. Flowers rosy white. When in full bloom it has an unusually grand appearance. 50c. each.

Dahlia gracilis. New, striped, single, 25c. each.

Water Lilies. 50c. each.

Tree Pæony. These comprise a large class of handsome flowering shrubs, attaining a height of 6 to 8 feet with proper care. The flowers are remarkably striking, of gorgeous colors, numerous and enormous in size. \$1.50 each.

Gladiolus Colvillii (the Bride). This is not a French Hybrid, but a species. It is a very light, graceful variety, having pure white blossoms, and is one of the most popular cut flowers in the London and Paris markets. All who forced it for the first time last year have greatly increased their orders for this year. Each, 10c.; 75c. per doz.

Gladiolus. Named varieties. 25c. each.

Gladiolus. Fine mixed varieties. 10c. each; 75c. per doz.; \$5 per hundred.

Zephyrantes. 60c. per doz.

Milla biflora. One of the loveliest and most desirable bulbs. The flowers are nearly $2\frac{1}{2}$ inches in diameter, of a pure waxy white color and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. 15c. each.

Montbretia. A beautiful bulbous plant resembling somewhat a miniature Gladiolus. Each bulb throws up several flower spikes from 6 to 10 inches long, with numerous small side spikes, making it exceedingly floriferous. Flowers of a bright orange red, of perfect and graceful form. One of the most desirable of all bulbs. 15c. each; \$1.50 per doz.

Alpina nutans. 50c. each.

Smilax. Strong roots. 15c. each.

Begonia. Tuberoses-rooted. Single choice mixed. 20c. each; \$2 per doz.

Begonia. Double flowering. 50c. each.

Jonquills. Single and double. Very fine mixed. 60c. per doz.

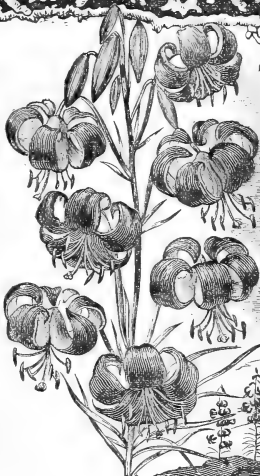
Calla Lilies. 15c. each.

Calla Lilies. Variegated leaf. 25c. each.

"I hope the Seeds will be as good as those I have got of you for the past few years. I think every Seed must have come up." Mrs. TAYLOR, Arroyo Grande, Cal.

BEAUTIFUL CORAL LILY

This superb Lily is entirely distinct from all others. The perfect symmetry of the entire plant, foliage and flower is wonderful. Its spike of Scarlet flame-like flowers is held erect like a flambeau at night. The texture of the flower is like a piece of coral of the most brilliant red we ever saw. Set off with the most telling contrast with its graceful fern-like foliage of Emerald green. The foliage is slender and graceful, attenuated from which fact it takes its name *L. Tenuifolium*. It is a native of Siberia and of course perfectly hardy. Blooms very early in May or early June. Grows three feet high when in good condition, and has frequently twenty-seven blooms. Plant in loose soil with good drainage, with top of bulb three inches below the surface. 30 cents each; 4 for \$1.



LILIAM AURATUM.



Lilium Auratum.

(Golden-rayed Queen of Lilies). This magnificent variety has become one of the standard favorites of the flower garden, and is considered by many the finest of all lilies, their immense blooms measuring nearly a foot in width when fully expanded. The flowers are produced in great profusion, and are deliciously fragrant. 25c. each; \$2.50 per doz.

Specimens $3\frac{1}{2}$ to $4\frac{1}{2}$ inches in diameter, 50c. each; \$5.00 per doz.

Lilium elegans (Thun-bergianum, Umbel-

latum). This class are all early, flowering in June; they range from four inches high to four feet, with a most varied collection of colors. The flowers are always upright and cup-shaped; although the forms are innumerable, giving beautiful effect planted in clumps or lines. Finest quality of mixed embracing an endless range of color, form and habit. 10c., each; \$1.00 per doz.

Lilium speciosum roseum or *rubrum*.

Rose spotted with crimson. 25c. each; \$2.50 per doz.

Lilium speciosum album. Pure white and very fragrant. 25c. each; \$2.50 per doz.

Lilium Krameri. Two to four feet high; flowers broadly funnel-shaped, varying from distinct pink or blush to rich, soft rose; spotless and very fragrant. This is a lily which has few equals. 30c. each; \$3.00 per doz.

Lilium Longiflorum. A well-known, beautiful, snow-white lily; very fragrant. 15c. each; \$1.25 per doz.

Lilium Candidum. The well-known hardy garden lily; snow white; fragrant flowers. 15c. each; \$1.25 per doz.

Lilium tigrinum (Tiger Lily). Single; orange salmon, spotted back. 10c. each; \$1 per doz.

Lilium tigrinum (Tiger Lily). Double. This is a plant of stately habit, growing from four to six feet high; foliage dark green, bearing a number of double, bright orange flowers, spotted with black. 15c. each; \$1.20 per doz.

Lilium parvum. Curiously shaped canary yellow flowers, spotted with purple. 30c. each; \$3 per doz.

Lilium Harrisii. This is the handsome, free flowering Eastern Lily of Bermuda; invaluable for pot-culture; its pure white flowers being borne in the greatest profusion. Fine bulbs. 15c. each; \$1.50 per doz.

Lilium Leichtlinii. A beautiful Japanese species, of neat and elegant habit; the flowers are pure canary yellow, with crimson spots. 50c. each.

Lilium Parryi. A new Lily recently introduced from California, which has proved to be one of extraordinary beauty. It has flowered very freely this season, some having as many as twelve flowers upon a stem; the flowers are large, of a rich golden-yellow, and very fragrant. It grows well in peaty soil, and proves to be of very easy culture. 50c. each.



Lilium Parryi.

Lilium pardalinum. Scarlet, shading to rich yellow, freely spotted purple brown. 25c. each; \$2.50 per doz.

Lilium Hansoni (The true Japanese Yellow Mar-tagon.) Flowers bright golden-yellow, spotted crimson, the segments are very thick and waxy; very free flowering. This is one of the most distinct Lilies in cultivation, and when better known will be eagerly sought after; there is nothing in the whole of my collection like it. \$1 each.

Lilium Washingtonianum. One of the most beautiful lilies yet introduced; flowers erect, pure white, with bright scarlet spots; they are produced in great numbers, and are very fragrant; plant one foot deep, in well drained soil; bulbs are unusually large and fine this season. 25c. each; \$2.50 per doz.



Lilium Washingtonianum.

Lilium Humboldtii. A remarkably fine variety, attaining the height of about five feet, and freely producing fine large flowers of a golden yellow color, spotted with purple. 25c. each; \$2.50 per doz.



Lilium Humboldtii.

NEW AND RARE PLANTS.

Some of these are not entirely new but very scarce and not easily obtained heretofore.

Ampelopsis Veitchii. Of Japanese origin. A wonderful and magnificent climber growing to the height of 50 feet. The large leaves are first of an olive green color changing to brown and finally to a bright scarlet. It clings readily to trunks of trees and walls. 25c. each.

New Giant Musk. A great acquisition. The foliage is large and more substantial than that of the old musk; the flowers are one inch in diameter and margined with a broad band of scarlet maroon. 25c. each.

New Scarlet Flowering Rose Geranium. Everybody knows the popular Rose Geranium. This variety bears bright scarlet flowers and is extremely beautiful. It flowers fully as freely as the common Rose Geranium. Price small plant, 25c.; large plant, 50c.

Plumbago Coccinea Superba. A winter-blooming variety of great beauty, somewhat similar in style to P. Rosea, but producing long racemes of flowers

12 to 15 inches in length, and of a bright satiny carmine color. 50 cents each.

Plumbago Capensis Alba. A first-class market plant, possessing all the good points of the old blue P. Capensis with which it is identical except in color, which is pure white; a first-class acquisition. 50cts. each.

Musa Ensete. The noblest of all plants is the great Abyssinian Banana. The fruit of this variety is not edible, but the leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub, watered sparingly. Hardy in San Francisco and \$1 each.

"I am very much pleased with the Plants you sent me. They arrived in splendid condition." F. HAYWARD, San Rafael, Cal.

Fuchsia E. G. Hill. The largest and purest double white Fuchsia in existence. It is of very strong growth and very free flowering. Small plant, 30c.; larger, plant, 50c.

Fuchsia General Roberts. Is a grand novelty, the individual flowers are fully 4 inches long and the fine thread like flower stems fully 4 to 6 inches. It is no doubt the grandest Fuchsia out. Color rosy carmine. Only small plants of a limited number can be furnished at 30c. each.

Primula Obconica. A lovely perpetual blooming primrose, of easy growth in the house as well as out of doors. The trusses of white flowers are borne profusely on long stems for fully ten months in the year. Price for good strong plants, 35c. each.

Spiraea Van Houttii. A most graceful shrubby Spiraea, bearing a profusion of white flowers when quite young, it is hardy in California, but can also be grown successfully in the house. Nice plants ready to flower, 30c. each.

Rocky Mountain Columbine. A beautiful perennial, producing very large flowers of a beautiful sky blue color, shaded pale blue. It is of dwarf, bushy habit, and in every respect superior to any other Columbine known. Price strong plant, 30c.

Platy Godon Grandiflora or Campanula Japonica. A hardy half-shrubby plant, producing its large blue, white and rose colored flowers in great abundance throughout the entire summer season. It is a beautiful flowering plant. Price, 30c. each.

Hibiscus Mutabilis. This is a variety which is hardy in California and an exquisite flowering plant for our gardens. The flowers are 4 to 6 inches in diameter in the style of a single poppy, color changing from cream to buff and mauve. It forms conspicuous bushes 5 to 6 feet in height. Price, large plant, 50c.; small plant, 25c.

Cyperus natalensis. A grass like ornamental plant for water as well as for pots or the garden. It is an evergreen, most graceful in habit, the foliage of a dark glossy green, arranged fountain like. It is very much admired by all who have seen it during the past summer. Price 25c. each.

Cuphea grandiflora. Belonging to the well-known cigar plant. The flowers are very large and are produced in great abundance every day in the year; beautiful shades of purplish crimson. Small plant, 20c.; large plant, 35c.

Jambosa vulgaris. The rose apple of Brazil; flowers white; fruit very sweet, rose flavor, and of a waxy yellow color. It is a beautiful pot plant and will stand the open air in Southern California. Price, 30c. each.

Leucadendron argentum or Silver tree. This rare and beautiful tree has no equal. It is evergreen, the leaves are silvery white, like velvet, when full grown a foot long. It is a magnificent plant for a cold green-house and hardy, south of San Jose. Price, 50c. each.

Edelweiss. A well known and historical plant of the European Alps, introduced here for the first time. Price, 30c. each.

CHRYSANTHEMUMS.

In this list we retained nothing but the very finest, and among them a number of first-class new varieties. Large flowering plants, 35c. each; small plants, 20c. each; \$2 per doz. Collection of 20 varieties, \$3.

Alba monstrosa. Largest ragged; white.

Belle Paul. Large, white-edged, rose, reflexed.

Christmas Eve. Pure white, perfect flower; best for cutting purposes.

Mikado. Most conspicuous of all Chrysanthemums; orange brown, reverse of petals silvery bronze.

Piedro Diaz. Dark crimson, shaded scarlet; the best red Chrysanthemum.

Yellow Prince. Still one of the very best; golden yellow.

Syringa. Bright rosy pink; the best of its color; very large and free flowering.

President Arthur. Immense flowers; soft rose; opening in whorls.

Tokio. One of the brightest old varieties; rich bronzy crimson.

L. Canning. An immense white flower, very double.

Brazen Shield. A very remarkable flower; free flowering; regular outline of a rich brassy bronze color.

W. W. Coles. Reddish terra cotta, reverse yellow; very large; one of the finest new varieties.

G. F. Moseman. Buff without, red within; very pleasing color; nine inches in diameter.

M. Moussillac. Large flower; crimson, gold reverse.

John Thorpe. Eight inches in diameter; color richest deep lake; an entirely new shade.

Edward Andiguer. Deep rich crimson maroon, shaded purple, silvery reverse; an elegant new variety.

H. Waterer. Enormous size; yellow, suffused with coppery red.

Mrs. A. Waterer. Immense flower, eight inches in diameter; pale blush, changing to white.

Mrs. Singery. Glossy carmine, shaded buff; large flower, yellow disk.

Newport. A splendid new Chrysanthemum, of a clear rose pink.

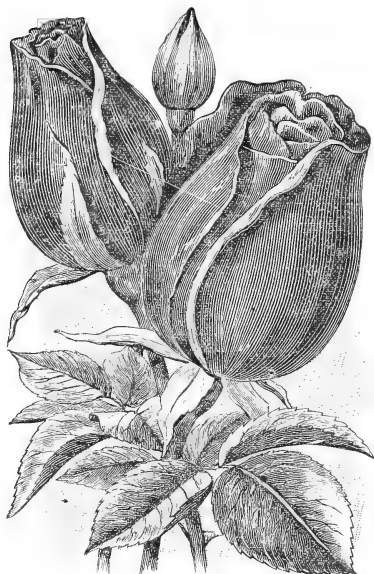
HOUSE PLANTS.

	Each.
Asparagus tenuissimus (beautiful).....	25c. to 50c.
Aspidistra variegated foliage.....	50c.
Begonia flowering of sorts	25c. to 50c.
Begonia foliage of sorts	25c. to 50c.
Bouvardia of sorts.....	25c. to 50c.
Cuphea	25c.
Cyperus (variegated water plant).....	25c. to 50c.
Chinese primrose, constant bloomer.....	25c.
Cape Jasmine.....	50c. to \$1.00
Ferns, 10 varieties.....	25c. to 50c.
Hibiscus of sorts.....	50c.
Coleus, fine assortment.....	25c.
Maranta Zebina.....	50c.
Vinca rosea.....	25c.
Palms, 10 varieties, according to size	25c. to \$1
Nandina Domestica.....	50c.
Azalea.....	50c. to \$1
Camellia	\$1 to \$2

HARDY GARDEN AND BORDER PLANTS.

	Each.
Auricula.....	25c.
Achryanthus (red) per dozen, \$1.50.....	15c.
Centaurea (white) per dozen, \$1.50.....	15c.
Daisies, all colors, 50c. per dozen.	
Echeveria (Hen and chickens) per dozen, \$1.....	15c.
Forget-Me-Not, per dozen, \$1.....	15c.
Canterbury Bell.....	25c.
Golden Feather, per dozen, 50c.; per hundred, \$2.	
Marguerites, blue and white	25c.
Marguerites, double yellow	25c.
Pansies, extra fine, per dozen, 50c.	
Polyanthus (Garden Primula) per dozen, \$1.....	15c.
Wallflower, double.....	25c.
Violets—Czar, Marie Louise, and double white, \$1 } per dozen	10c.
Verbenas, all colors, \$1 per dozen.....	10c.

ROSES.



Papa Gontier.

In dormant condition, 1 to 2 years old, 40c. each; \$4.50 per dozen.

In pots, 1 to 2 years old, 50c. each; \$5 per dozen; per hundred, \$25 our choice; per hundred, \$30 purchasers' choice.

TEA ROSES.

Devoniensis Magnolia Rose. Cream white, rosy center.

Comtesse Riza du Park. Copper rose, shaded violet crimson.

Isabella Sprunt. Beautiful canary yellow.

La Pactole. Sulphur yellow.

La Sylphide. Buff shaded carmine, fawn center.

Laurette. Creamy white shaded rose.

Letty Coles. Soft, rosy pink, carmine center.

Madam Margottin. Deep citron yellow bright red center.

Marie Sisley. Pale yellow rose margin.

Shirley Hibbard. Nankeen yellow.

The Bride. Best double white.

Papa Gontier. Brilliant carmine, changing to rose.

Bon Silene. Deep rose to rosy-crimson; fine large buds. Valuable for floral work. Free bloomer.

Catherine Mermet. Beautiful rose; elegant buds, clear pink, amber shading. Very full and good bloomer.

Cornelia Cook. Large, fine, pure white buds; flowers very full; free bloomer. Very desirable.

Duchesse de Brabant. One of the most popular roses of the day; always in demand. Flowers cup shaped, of a beautiful deep rosy pink; profuse bloomer.

Etoile de Lyon. Beautiful deep yellow rose; golden-yellow towards the center; deliciously fragrant.

Homer. Rosy pink, salmon shading; lasts a long time in bud and flower. Most abundant bloomer.

Mad. Lambard. Another popular rose; first class, rosy-bronze, shaded salmon. Very prolific.

Mad. Welch. Pale yellow, orange center, shaded copper. Beautiful in bud and beautiful in bloom.

Mad. de Watteville. A grand rose; cream-yellow, tinged carmine; crimson border. There is no better rose.

Marie Von Houtte. White, yellow tint, margined tipped rose, very sweet and profuse bloomer.

Niphetos. Snow white, large long buds, very desirable for floral work and a most popular rose of to-day.

Aline Sisley. Rosy crimson to brilliant carmine, free bloomer and very fragrant.

Perle des Jardins. The last deep yellow rose, most abundant bloomer, and deserves its place in every garden.

Safrano. The ever popular buff Tea Rose, always in bloom, most desirable in every respect.

Sunset. This new rose deserves great popularity, its rich shades of golden amber, shaded with crimson, its fine full form, makes it one of the most desirable roses under cultivation.



Catherine Mermet.

"The Lilies which I received of you last Spring were superb." MRS. WILLIAMS, Tower, Oregon.

Bougere. Flowers large and full, clear shining pink, fawn center, one of the best bloomers.

Eliza Sauvage. Cream to white, constant bloomer, fine rose.

Madame Camille. Magnificent rose, large and very double, delicate rose to deep carmine, salmon shading.

Souvenire de Paul Neron. Elegant rose-white, tinged with golden yellow, edged with bright rosy crimson.

Triumph de Luxembourg. An exquisite rose, salmon buff, shaded deep rose. Very distinct.

HYBRID PERPETUAL ROSES.

Antoine Monton. Bright, clear pink; very large and full; free bloomer, and very fragrant.

Captain Christy. Magnificent rose; delicate peach, deeper in the center. Everybody's favorite.

Coquette des Alpes. White, very double, and free bloomer. Very desirable.

Able Carriere. A grand rose; glowing crimson to fiery red; extra large; very double.

General Jaqueminot. The most popular rose; scarlet crimson; vigorous and full bloomer.

John Hopper. An old but very popular rose; strong grower; free bloomer; brilliant rose; very double.

Paul Neron. The largest rose in cultivation; bright shining pink; very full and free bloomer.

Prince Camille de Rohan. A noble rose; dark velvet-crimson to maroon, shaded black. The best so-called black rose.

Mad. Char Wood. Brilliant red; perfect form. A lovely rose.

Baroness Rothschild. A magnificent large rose; silvery white, tinged blush. 75c. each.

Anna de Diesbach. Clear brilliant rose; a beautiful free flowering rose; one of the very best.

Black Prince. Deep velvet-crimson.

Able Grand. Large rose, deep rosy blush.

Chas. Verdier. Large and full; bright clear pink.

Countess of Oxford. Free bloomer; soft rosy pink, shaded to silver.

Duke of Tock. Bright scarlet-crimson. A beautiful dark rose.

General Washington. Bright rosy carmine, nearly scarlet.

Mable Morrison. Large full rose; pure white.

CLIMBING ROSES.

These can only be supplied in strong plants at 50c. each.

Banksia. White (thornless).

Banksia. Yellow (thornless).

Baltimore Belle. Blush, shaded and white rose.

Gloire de Dijon. Fawn, shaded salmon and rose, very fragrant.

Gold of Ophir. Salmon and fawn, very rich and most popular.

Lamarque. Pure white.

Marechal Niel. Golden yellow.

Prairie Queen. Bright Pink globular rose, very double.

Reine Marie Henriette. Full and finely formed flowers of a rich cherry red color.

Rose Wm. Allen Richardson. Not very new, but exceedingly scarce; the richest golden yellow climbing rose known. 75c. each.

MOSS ROSES.

Strong plants only at 40c. each.

Gloire of Mosses. Deep rosy carmine, shaded crimson.

Luxembourg. Bright crimson-scarlet.

Perpetual White. Pure white Princess Adelaide, rare.

Princess Adelaide. Light pink.

SUNDRY ROSES.

40 cents each.

Fairy Rose (Mad. Cecile Brunner). A delightful little rose; constant bloomer; clear rosy pink; perfect double.

Hermosa. Bright rose; always in bloom. Very desirable.

Asrippina. Dark velvet-crimson. Most constant bloomer.

Lawrencina. A fairy rose; flowers small; very double; rose-colored; constant bloomer.

La France. Silvery rose, constant bloomer; the very best. 50c. each.

Souvenire de la Malmaison. Delicate flesh tinted, very full, constant bloomer. No better. 50c. each.

HELIOTROPES.

Large plants, 35c. each. Small plants, 20c. each.

Snow-wreath. Pure white, large truss.

La Favorite. Fine lavender; large flower.

Star. Immense truss; dark blue, white center.

PETUNIAS.

A good collection of the best double varieties. Large plants, 25c. each. Small plants, 20c. each.

CARNATIONS.

(Fine selection of the best double pinks).

Large plants from 5-inch pots, 35c. each. Small plants, 20c. each.

Astoria. Light yellow; striped crimson.

Butter Cup. Deep golden yellow; narrow red stripes.

Black Knight. Very rich crimson, the darkest carnation ever offered.

Scarlet Gem. Best scarlet carnation; profuse bloomer.

Sunrise. Buff, shaded salmon, flaked red; free flowering.

Silver Spray. Best white carnation ever offered.

May Queen. Bright satiny rose; a perfect beauty.

Emperor William. Dark purple; immense flower.

Starlight. Pure lemon yellow, without stripes; perfect.

Mrs. Carnegie. White, striped and feathered rosy carmine.

GERANIUMS.

Large plants from 5-inch pots, 30c. each. Small plants, 20c. each. We offer the following best varieties:

Double white, double scarlet, double pink, double crimson, double salmon. Single white, single scarlet, and Rose Geranium, all of which are the most improved, largest and richest in color.

FUCHSIAS.

Large plants from 5-inch pots, 35c. each. Small plants, 20c. each.

Bismark. Dark plum, large double; strong grower; profuse bloomer. New.

Black Prince. So-called from its dark foliage; fine large spreading corolla; carmine; very beautiful. New.

Mrs. Marshall. Tube pure white; corolla bright crimson; profuse and constant bloomer; single. New.

President Gunther. Magnificent large double flower, of a light violet blue.

Storm King. Largest double white, pink shading; very distinct, and profuse bloomer.

Souvenir. A very graceful Fuchsia; always in bloom; red tube and sepals; dark purple corolla. Excellent for a dry hot climate.

Tower of London. A first-class double flower; very large, center dark plum; free flowering, and easily managed.

Model. An excellent large white single Fuchsia; very prolific, and first-class in every respect.

Phenomenal. Although under cultivation last season, we could not supply the demand; it is still very scarce; flowers $2\frac{1}{4}$ to three inches in diameter. Very double; tube and sepals crimson; corolla deep violet purple.

Esmeralda. A new double Fuchsia of a sky-blue color; very full, and exceedingly attractive.

Majestic. An immense flower; very large foliage; strong grower; free bloomer; tube white, corolla rosy carmine.

Perle von Brunn. Corolla pure white; very double. A most excellent variety.

PELARGONIUMS

(Lady Washington).

Large plants from 5-inch pots, 40c. each. Small plants, 20c. each.

Occident. Rose, flamed crimson, dark maroon blotched; large flower; constant bloomer.

Mabel. A very dark flower, crimson lake; dark maroon top.

Smith's deep red, heavily spotted; very attractive.

Madame Vibert. Black maroon blotches, bordered fiery red, edged with rose; very fine.

Gloire de Paris. Richest scarlet; profuse bloomer.

Macbeth. Rose, large white center, maroon blotches, feathered crimson; constant bloomer.

Striata elegans. Magenta, flaked and striped with mauve; very beautiful.

Mrs. John Saul. Rich glowing vermilion, light center and margin, darker blotches; very free flowering.

Favorite. Deep rose; a constant bloomer, very bright.

Eclipse. Fiery crimson, five dark maroon blotches, almost black. A very beautiful dark Pelargonium, and a very profuse bloomer.

PELARGONIUMS. Extra Choice.

Pelargoniums. Extra choice and very rare. Large plants, 60 c.; small plants, 35c.

Beauty of Oxtou. Dark crimson shaded maroon, edged white, fringed, large flowers.

Duchesse of Bedford. White, feathered, with delicate rose, beautifully fringed.

Dr. Masters. Splendid semi-double flowers, large truss, crimson with large black blotches, very fine.

Captain Raikes. Fiery crimson flowers, very large and profuse.

Dr. Andre. Blush and magenta, elegantly fringed, very handsome.

Madame Thibaut. White, blotched and marbled with rose and crimson maroon, undulated petals, very fine.

Gloria Patria. Pure white, a very few veins of crimson, on upper petals.

Princess Alice. Bright purple crimson, spotted maroon, a beautiful flower.

HARDY GARDEN SHRUBS.

Azaleas.....	50c. to \$1.00
Aucuba Japonica, variegated leaf.....	50c.
Abutilon, several sorts.....	25c.
Camellias, European importations.....	\$1.00 to \$2.00.
Crape Myrtle.....	50c.
Daphne, large plants.....	\$1.00
Diosma (Breath of Heaven).....	25c. to 50c.
Deutzia gracilis, white flowering.....	50c.
Dracaenas.....	25c. to \$1.00
Erica (Heath), strong.....	50c.
Hydrangea of sorts.....	50c.
Lemon Verbena.....	25c.
Lilacs, purple and white.....	50c.
Rosenmarine.....	50c.
Myrtle.....	25c.
Oleanders, double red, double white.....	50c.
Pittosporums of sorts.....	50c.
Rhododendrons, strong imported plant.....	\$1.50
Snowballs, strong.....	50c.
Sollya, pretty blue flower.....	55c.
Wiegelia, strong.....	50c.
Lilac, new double.....	50c.
Texas Umbrella Tree.....	50c.

CLIMBERS.

Bignonia, of sorts.....	50c.
Clematis, large flowering, strong imported plants, all colors.....	\$1.00
Clianthus, scarlet.....	50c.
Bougainvillea.....	50c.
Honeysuckles, 3 kinds.....	30c.
Hoya (Wax plants).....	30c.
Ivy—according to size.....	25c.
Jasmine (yellow and white).....	50c.
Madera Vine Roots.....	5c.
Moonflower.....	25c.
Passion Vine, scarlet.....	25c. to 50c.
Passion, Vine white.....	35c.
Solanum (Potato Vine).....	25c.
Tacsonia, scarlet, rose and pink.....	25c.
Smilax Roots.....	15c.
Virginia Creeper.....	25c.
Wistaria, purple.....	30c.
Wistaria, white.....	50c.

ORNAMENTAL DEPARTMENT.

DECIDUOUS TREES.

Alder European. A rapid-growing tree, with foliage roundish, wedge-shaped. Adapted to moist situations. 50c. each.

Alder, Cut-Leaved. A very ornamental variety, with dark green serrated foliage. 75c.

Ash, American White. A fine tree, of medium height, mellow green foliage. 35c.

Ash, European. A lofty tree of rapid growth, with spreading head. 35c.

Beech, European. A beautiful tree, green, glossy foliage and feathery branches. \$1.

Beech, Purple Leaved. An elegant, vigorous tree, with deep purple foliage in spring, changing to crimson later on. \$1.50.

Birch, European White. Tree of medium size, silvery bark, and slender branches. 50c.

Birch, Purple Leaved. 75c.

Catalpa, Golden-Leaved. Heart-shaped leaves of a beautiful golden yellow. 75c.

Catalpa Kämpferi. Green, glossy foliage. Flowers cream-colored and fragrant. 35c.

Catalpa speciosa. Hardier and finer than the common, and blooming earlier. 50c.

Catalpa sringafolia. Large bunches of white flowers, marked with purple and yellow spots. 35c.

Elm, American White. The noble spreading and drooping tree of our own forests. 50c. to 75c.

Elm American Black. A variety of the above, of a more erect habit. 50c. to 75c.

Elm, Cork-Bark. Young branches very corky, in deep fissures. This variety has so far proved itself to be the best shade tree for California, succeeding well in any soil. 50c. to 75c.

"Your Flower Seeds this Summer have been quite a success." Mrs. L. HAMMOND, Stockton, Cal.

Elm, Cucullata. A new variety, with leaves deeply curled like a hood. 50c.

Elm, English or French (*Campestris*). An erect, lofty tree of rapid growth. 40c. to 75c.

Elm, Huntingdon. Of very erect habit, and rapid, vigorous growth. Bark clean and smooth. 50c.

Elm, Latifolia. A rapid growing variety with broad leaves. 75c.

Elm, Monumental. A slow-growing dwarf variety; distinct and beautiful. 50c.

Elm, Purple Leaved. A striking variety, with erect branches and purple leaves. 50c. to 75c.

Elm, variegated. Small leaves sprinkled over with silvery spots; very fine. 50c. to 75c.

Horse Chestnut, European, or White-Flowering. 50c. to \$1.00.

Horse Chestnut, Red-Flowering. Leaves deeper green than preceding, and showy red flowers. \$1.

Judas Tree, or Red Bud. A tree of medium size, with pure green, perfect heart-shaped leaves. It is entirely covered with delicate pink flowers before the foliage appears. 50c.

Kolreuteria Paniculata. A native of China; a small, round-headed tree, with large panicles of showy golden-yellow flowers. 35c.

Laburnum, or Golden Chain. A beautiful small tree with long, drooping racemes of fragrant yellow flowers. 50c.

Larch, European. A very ornamental, rapid-growing tree, valuable for timber. 75c.

Larch, Japanese. The Money Pine of Japan; dark, yellowish ash-colored branches and green foliage. 75c.

Linden American. A beautiful native tree, with very large leaves and fragrant flowers. 50c.

Linden, European. A very fine pyramidal tree of large size, with large leaves; flowers fragrant. 75c.

Linden, White or Silver-Leaved. A vigorous growing tree of pyramidal form; leaves smooth above; downy beneath. Very conspicuous. \$1.

Locust, Black or Yellow. The well-known variety of our roadsides. 25c.

Locust, Rose-Flowered. Beautiful rose-colored flowers; branches gummy; quite interesting. 50c.

Locust, Thornless (*Bessoniata*). A noble tree of fine regular growth, with dark green, heavy, and luxuriant foliage; entirely without thorns. 50c.

Locust, Honey. The well-known Honey Locust, with delicate foliage and powerful spines. 25c.

Magnolia, Cucumber Tree (*Acuminata*). A majestic tree, with large leaves and yellow flowers. 50c.

Magnolia, Lennii. Very showy flowers; cup-shaped; crimson purple outside and pearl colored within. \$2.00.

Magnolia, Purpurea. A low spreading tree with showy purple flowers. \$1.

Magnolia, Soulangeana. Largest of the Chinese Magnolias; spreading head; producing in the greatest profusion white flowers, with purple at the base of the petals. \$1.50.

Maiden Hair Tree (*Salisburia*). Beautiful fern-like foliage. Rare and elegant. 75c.

Maple, Box Elder (*Negundo*). A rapid grower; form spreading; foliage ash-like and smaller than some other maples; a good shade tree. 25c. to 50c.

Maple, English Cork-Barked (*Campestre*). A slow-growing, stocky tree of compact roundish habit, with corky bark and small handsome foliage. 25c.

Maple, Norway. A large handsome tree of rounded form, broad, shining foliage. 50c.

Maple, Purple-leaved. Fine deep green foliage on the upper side, and purplish-red underneath. 50c.

Maple, Silver or Soft. A fine tree for park or street planting; leaves white or silvery on the under side. 35c.

Maple, Sugar. A well-known tree of stately growth; fine form and foliage. 25c. to 55c.

Maple, Sycamore. A handsome tree of rapid upright growth, smooth, ash-gray colored bark. 25c.

Maple, Wier's Cut-leaved. A rapid-growing, drooping, graceful form of the Silver Maple. \$1.

Mountain Ash, European. A fine hardy tree; covered from July with great clusters of bright scarlet berries. 50c.

Mulberry, Downing's Everbearing. A magnificent tree of rapid growth, producing superior fruit. 50c.

Mulberry, Multicaulis. Rapid grower, with white, but worthless fruit. It is chiefly used as food for silkworms. 25c.

Mulberry, Russian. A variety introduced by the Mennonite colonists of the Northwest. It is a very rapid grower, bears young and regularly; fruit black and good. 35c.

Mulberry, White (*Alba*). This, like the Multicaulis, is used for silk culture, and will grow in any soil when once established. 25c. to 50c.

Oak, Water Oak (*Aquatica*). 75c.

Oak, Cut-leaved (*Robur (ancinata)*). Foliage graceful, light and elegant. \$2.

Oak, English (*Robur*). The Royal Oak of England. A very enduring tree, graceful and vigorous when young; majestic and grand in maturity. 50c.

Oak, Scarlet (*Coccinea*). A native tree of rapid growth, especially remarkable in autumn, when the foliage changes to a bright scarlet. \$1.

Paulownia Imperialis. A magnificent tropical-looking tree from Japan. \$1.

Poplar Carolina. A very rapid growing variety, with large leaves. 25c. to 50c.

Poplar Lombardy. A native of Italy, remarkable for its erect, rapid growth, and tall, spire form. 25c. to 50c.

Poplar, White or Silver. A tree of wonderfully rapid growth; leaves large, glossy green above, and white as snow beneath. 25c. to 50c.

Sophora Japonica. A handsome tree of medium size, with light-colored, soft foliage, and small cream-colored, pea-shaped flowers in racemes. 50c.

Sycamore, European. A fine, clean, straight-growing tree, extensively planted on all the boulevards of Paris. 50c. to 75c.

Texas Umbrella. A variety of the Pride of China, but more hardy. It forms a dense-spreading head, resembling a gigantic umbrella, and of unique appearance. Flowers very sweet. It is the most popular shade and avenue tree in the Southern States. 50c. to \$1.

Thorn, English Hawthorn (*Oxyacantha*). The celebrated English hedge plant. Flowers single, showy and highly perfumed. 35c.

Tulip Tree (*Liriodendron*). A magnificent native tree of tall pyramidal habit, with broad, glossy, fiddle-shaped, light green leaves, and yellow tulip-shaped flowers. 50c. to 75c.

Virgilia lutea, Yellow Wood. A fine tree, with compact, broadly rounded head; leaves like the Locust, of a light pleasing green color, changing in autumn to a warm yellow; flowers like pea blossoms, white and fragrant, covering the tree about the middle of June with long pendulous racemes of great beauty and grace. Its trunk is polished and elegant. \$1.

Walnut, American Black. One of the largest and handsomest of American forest trees. 30c. to 50c.

Walnut, California Black. A rapid-growing tree, bears a nut with a hard shell, and grows well in any good soil; an excellent shade and avenue tree. 20c. to 50c.

DECIDUOUS WEeping TREES.

Ash, European Weeping. One of the finest lawn and arbor trees. \$1.

Ash, Gold-Bark Weeping. An elegant weeping tree; bark in winter as yellow as gold. \$1.

Birch, Cut-leaved Weeping. The most elegant of all weeping trees. Its tall, slender, yet vigorous growth, graceful drooping branches, silvery white bark, and delicately cut foliage presents a very attractive appearance. 75c.

Elm, Camperdown Weeping. The most picturesque of the weeping of drooping trees. \$1.

Linden. A charming lawn tree with graceful drooping branches. \$1.50.

Willow, American Weeping. A dwarf, slender species. When grafted five or six feet high it makes one of the most ornamental of small weeping trees. 25c. to 50c.

Willow, Kilmarnock. A variety which, when treated like the preceding, forms without any tripping, an exceedingly graceful tree, with glossy foliage, and perfect umbrella like head. They are both charming for lawns. \$1.

EVERGREEN TREES AND SHRUBS.

Araucaria Bidwellii. A majestic tree, making one of the handsomest specimens on a lawn. \$2 to \$3.



↓ **Araucaria Excelsa.** (Norfolk Island Pine). A magnificent tree, with straight trunk; branches comparatively short, and closely set with foliage; forms a most striking and beautiful specimen. \$1 to \$3.

Araucaria Imbricata. (Chili Pine). Beautiful, regular pyramidal form. \$1.50 to \$3.

Arborvitæ, Chinese Variegated. An erect growing variety, having foliage highly variegated with yellow. \$1.

Arborvitæ, Golden (Aurea). The well known handsome evergreen tree; foliage yellow in spring, rounded conical form. \$1 to \$1.50.

Arborvitæ, Ever Golden (Semperæurea). Retaining its golden tint throughout the year. One of the best golden variegated evergreens. \$1.50.

Arborvitæ, Gigantea or Lobbii. Attaining great size eventually. The branchlets are slender, flexible, and very numerous, of a shining green on the upper side, glaucous-colored underneath. \$1.

Brachichiton (Flame tree). 50c.

Box Tree, Green. (Sempervirens). Makes a handsome lawn shrub, with deep green foliage. 75c.

Box Tree, Golden Variegated. A variety, of the preceding with golden variegation. 75c.

Box Tree, Dwarf. This well known dwarf variety so extensively used for edging. \$5 per hundred.

California Bay Tree (Oreodaphne). A rapid growing native tree, with light green foliage. 75c.

California Big Tree (Sequoia Gigantea). The famous big tree of this State. Makes a handsome pyramid. \$1.50.

California Nutmeg (Torreyæ). A handsome Yew-like tree, growing from 20 to 40 feet high, and forming a compact and rounded head. 40c.

Cedar, Mt. Atlas (Atlantica). A vigorous, pyramidal growing tree, open and airy, light silvery foliage, very thick on the upper side of the branches. \$2.50.

Cedar, Deodar or Indian. An exceedingly handsome tree of vigorous growth, and graceful drooping habit. \$2.50.

Cedar, Lebanon. Vigorous growth; wide spreading, horizontal branches, dark green foliage, massive and picturesque. \$2.

Cypress Funeral (Funerbris). A noble species, with spreading head, forked branches, dividing into numerous pendulous branchlets. 50c.

Cypress, Italian. A tall, tapering, conical tree, with strict branches lying close to the stem. Much esteemed for cemetery planting. 50c.

Cypress, Lawson. A beautiful tree, native of this State, with elegant drooping branches, and very slender feathery branchlets. 25c to \$1.

Grevillea robusta. A beautiful tree of rapid growth, with fern-like, dark green foliage and orange colored flowers. 25c to \$1.

Heath, Mediterranean. A handsome, dwarf, compact-growing little evergreen, with light, feathery foliage and abundant purplish pink flowers in spring. 25c.

Holly, European. A beautiful small tree with prickly dark green foliage. \$1.

Laurel, English. Broad, shining green foliage, and large panicles of creamy white fragrant flowers, succeeded by large purple berries. 50c.

Laurustinus. The handsomest of our winter flowering shrubs, with clusters of small, pretty white flowers. 35c. to 50c.

Libocedrus ducurrens. A noble tree, attaining a height of 120 feet, of vigorous growth; foliage small, and bright glossy green. \$1.50.

Loquat. A handsome ornamental tree, with large glossy, dark green foliage, fragrant white flowers. 25c. to 50c.

Madrone. A native of this coast, of moderate growth, with large thick foliage, and fragrant white flowers, succeeded by red berries.

Magnolia Grandiflora. The most beautiful of all American evergreens. It is a native of the Southern States, but perfectly at home here. No garden is complete without it. Erect growth, pretty habit, large, rich foliage, and produces immense, extremely fragrant, pure white flowers. 50c. to \$2.

Mahonia aquifolium. A native species of medium size, with purplish, shining, prickly leaves, and showy, bright yellow flowers, succeeded by bluish berries. 50c. to 75c.

Oleander. One of the most profuse blooming evergreens. 75c.

Pepper Tree. A well known tree, with handsome foliage and reddish berries in autumn. 40c. to 50c.

Pine, Austrian. A robust, hardy, spreading tree, with long, stiff, dark leaves. 75c.

Pine, Massoniana. A large-sized Japanese tree remarkable for its fresh, bright green tint. 25c.

Pine, Mediterranean. A beautiful tree of pyramidal habit, growing from sixty to eighty feet high. 25c.

Pine, Monterey. Our well known native variety; the most handsome of the genus and planted everywhere. 50 cents.

Pittosporum tobira. A low spreading shrub, with dense, dark green leaves and fragrant white flowers. 75 cents.

Tea Tree. 25c.

Camphor Tree. 25c. to 50c.

"Your Seeds have been of excellent quality, and true to name. I have bought Pansy Seed from New York, Philadelphia and Rochester. Your Prize Strain is the finest of all." Mrs. STODDARD, Santa Barbara, Cal.

Privet Japanese. A large shrub or small tree, with curled, leathery, dark green, glossy leaves and white flowers.

Spruce, Nordmann's Silver. Growth slow, but eventually becomes large; branches horizontal, foliage massive, dark green, silvery underneath. The contrast in color between the old and new growth is most charming, \$2.00.

Spruce, Norway (Excelsa). A compact and symmetrical tree; the branches assuming a graceful, drooping habit with age. The growth, however, in this climate is rather slow when young, \$1.50.

Spruce, Pinsapo. A beautiful tree; its compact

growth and unique appearance, render it worthy of a place in every garden. \$3.00.

Yew, Elegantissima. One of the most valuable variegated evergreens. \$1.50.

Yew, English. Large bush or tree of slow growth; can be trimmed into any shape. \$1.00.

Yew, Golden. The foliage of this variety in June is of a rich golden hue, unsurpassed by any other variegated evergreen. \$2.50.

Yew, Irish. Peculiarly upright in growth, resembling a bundle of closely packed branches; the foliage is of the darkest hue, and the whole plant appears like a deep green column. \$2.00 to \$3.00.

NEW AND RARE FRUIT TREES.

EICHOLTZ NEW SEEDLESS PEAR.

Recommended by the highest authorities as being equal to the Bartlett, and is *coreless* and *seedless*, the trees are vigorous, the wood resembling Clapp's favorite. Bearing Trees, each \$1.00.

JAPAN WALNUT.

(*Juglans Sieboldiana*.)

This species is found growing wild in the mountains of northern Japan, and is without doubt as hardy as an oak. The leaves are of immense size, and a charming shade of green. The nuts, which are produced in extreme abundance, grow in clusters of fifteen or twenty, have a shell thicker than the English walnut, but not as thick as the black walnut, very much resembling Pecan nuts. The meat is sweet, of the very best quality, flavor like butter-nut, but less oily, and much superior. The trees grow with great vigor, assume a very handsome form and need no pruning, mature early, bear young, and are more regular and productive than the English walnut. No tree on my grounds has attracted more attention than the Japan Walnut.

Yearling trees, one foot, with strong, heavy roots, each 40c.; 10, \$3.00.

"SATSUMA" PLUM.

This purple-fleshed plum was found in Southern Japan, and introduced with a number of other varieties, at great expense, three years ago. Summer before last, the tree bore some two hundred fruits, which ripened before the Kelsey was half grown, or in other words, it is not less than five or six weeks earlier than that variety; larger, handsomer, more nearly globular, very much richer and better flavored, and in every way superior. The *pit* is very little larger than a cherry stone. The *flesh* is a solid, clear purple color from pit to skin, and makes a purplish semi-transparent jelly, which has a peculiar, guava-like, spicy flavor, which all admire.

The fruit in the fresh state is exceedingly palatable, and pronounced by a well-known dealer in Japanese trees, who has traveled the length and breadth of Japan, to be superior to any other plum, either of the Japan, American, or European varieties.

The following from the *Pacific Rural Press* of San Francisco, of August 13th, 1887, will explain itself.

TWO PLUMS FROM JAPAN.

EDITORS PRESS:—By this mail I send you a box containing samples of the Blood plum of Satsuma, the first tree of which was obtained a year ago last winter. This fruit being the first of the kind ever grown in America, you will no doubt be interested in examining it. I will add it is nearly six weeks earlier than the Kelsey, firm fleshed as you will see, much larger, of better quality, color and form, it is an early and enormous bearer, and the trees grow with more vigor than any of the other forty-three varieties of Japan plums which I have fruited here. The seed also is the smallest yet seen.

The two smaller plums grew on a tree imported at the same time from the same place. This also seems to be very promising, being so large, firm and sweet. A well-known Sacramento nurseryman of long experience pronounces them the two best flavored and most promising Japan plums ever introduced.

The plums I send have been picked a week.

LUTHER BURBANK.

"These fruits are exceedingly interesting. The first mentioned is the larger. The specimens sent are almost globular, being $6\frac{3}{4}$ inches around, horizontally, and $6\frac{5}{8}$ inches around vertically—thus a shade broader than deep. The color is dark red, almost solid color, except a slightly lighter shade in the suture. The bloom is thin and of a lilac shade. The flesh is dark red—solid color from skin to pit, firm, rather juicy, and of good flavor. Pit very small; $\frac{3}{4} \times \frac{1}{2}$ inch.

"The smaller plum mentioned by Mr. Burbank is also almost globular, being $5\frac{1}{2}$ inches around, horizontally, and $5\frac{5}{8}$ inches around, vertically; rich cherry red, slightly mottled with yellow, and freely dotted with same tint; flesh deep yellow, juicy, very sweet, and of fine (somewhat peculiar but very agreeable) flavor. The pit is also very small; $\frac{3}{4}$ by a shade over $\frac{1}{2}$ inch."

PRICE : Yearling trees, four to five feet, branched, each \$1.00; per ten, \$7.00.

"BURBANK" JAPAN PLUM.

THE NEW PLUM WITH YELLOW FLESH. NEVER BEFORE OFFERED FOR SALE.

The fruit is usually from five to five and a half inches in circumference, and varying less in size than the other Japan plums; nearly globular, clear cherry red, with a thin lilac bloom. The flesh is a *deep yellow color*, very sweet, with a peculiar and very agreeable flavor. The tree is unusually vigorous, with strong upright shoots, and large rather broad leaves. Commences to bear usually at two years of age. Last summer fifty-five large perfect fruits ripened on a two-year-old tree, which was standing with others thick in the nursery row.

THIS IS THE BEST OF ALL THE JAPAN PLUMS.

PRICE : Yearling trees, six to eight feet high, well branched, \$2.00 each; small trees by mail, postage paid, \$2.00.

LIST OF FLOWER SEEDS BY WEIGHT.

	Per oz.		Per oz.
Ageratum Mexicanum , "Dwarf Blue Gem".....	\$0 40	Mignonette , Sweet.....	Per pound 75cts.... \$0 15
Alyssum maritimum (Sweet)	40	Miles' Spiral.....	40
Asters , Mixed China.....	50	French Machet.....	80
Truffaut's Fine Mixed.....	1 00	Nastertium , Tom Thumb "Empress of India" ..	40
" Large Double White.....	2 00	Tom Thumb Scarlet.....	20
Balsams , Mixed Double Paris.....	40	Tom Thumb Mixed.....	20
Double Pure White.....	1 00	Nemophila , Mixed.....	25
Double Crimson.....	1 00	Pansy , Good Mixed.....	1 50
Balloon Vine	30	Peas , Sweet, Mixed.....	Per pound 50 cts.... 15
Canary Bird Flower	50	Pentstemon , American, Mixed.....	1 50
Candytuft , Best White.....	30	Petunia , Fine Mixed, spotted and striped.....	1 00
Giant White "Charmer".....	75	Phlox Drummondii , Fine Mixed.....	50
Mixed.....	20	—Large Flowering, Mixed.....	1 00
Canna , Fine Mixed.....	25	—grandiflora splendens.....	1 00
Carnation Pink , Common.....	75	Pink , mixed double China.....	50
Extra Fine Double Mixed.....	3 00	Poppy , mixed Carnation.....	25
Contaurea andidissima	3 50	Portulaca , splendid mixture.....	50
gymnocarpa.....	75	Best mixed double.....	5 00
Cineraria maritima (Dusty Miller).....	40	Pyrethrum "Golden Feather".....	1 00
Cobæa scandens	1 00	Ricinus sanguineous (Red stalked Castor Bean) ..	15
Cockscomb , Dwarf Crimson.....	75	Salvia splendens , rich scarlet.....	2 00
Mixed.....	50	Smilax , fine climber for pots.....	2 00
Convolvulus major , (Morning Glory) Mixed.....	15	Snaptadragon , mixed tall.....	50
Convolvulus minor , Dwarf.....	25	Mixed dwarf.....	50
Cosmos hybridus , Mixed.....	75	Stock , English Ten Weeks, mixed.....	1 00
Cypress Vine , Red or White.....	40	Finest German Ten Weeks.....	2 00
Four O'Clocks , Finest Mixed.....	15	Finest Winter, or Brompton.....	4 00
Guillardia picta Lorenziana	60	Sunflower , double Californian.....	25
Globe Amaranthus	30	Sweet William , fine Auricula flowered.....	50
Hollyhocks , Splendid Double, Mixed.....	1 00	Thunbergia , fine mixed.....	40
Larkspur , Dwarf Rocket.....	25	Verbena , Hybrid mixed.....	2 00
Lobelia Erinus speciosa	1 00	Wallflower	40
Lupinus , Mixed.....	25	Zinnia , Finest double, mixed.....	Per pound; \$4.... 50
Marigold , "Meteor".....	35	Double, dwarf crimson.....	75
African Mixed.....	35	" Mixed Pompon.....	1 00
El Dorado.....	1 00	" Robusta.....	1 00
French Mixed.....	40		

RURAL BOOKS.**The Prices quoted below include Postage.**

Art of Propagation , treats of trees and Plants ..	30	Hand Book of Plants , Henderson's	\$3 00
Asparagus Culture , (Barnes' and Robinson's) ..	50	How to Heat a Greenhouse with Hot Water , cloth	50
Barnes and Outbuildings , including Tool Houses, Corn Cribbs, Root Cellars and all similar build- ings, 235 pages	1 50	Hop Culture , by experienced cultivators	30
Barry's Fruit Garden , new edition	2 50	How to Destroy Insects on Plants, etc	30
Book of Plants , for Carpet and Flower Bedding, by Geo. A. Solly & Son. Valuable for Florists and Amateurs	3 00	Mangolds, Treatise on , by J. J. H. Gregory	30
Brill's Farm Gardening and Seed Growing , new edition	1 00	Method of Making Manures , Bommer	25
Broom Corn and Brooms , paper, illustrated (cloth, \$1)	50	Money in the Garden , by P. T. Quinn. A practical work on gardening for market, which seems to us more fully than any other to meet the wants of the beginner, who has but moder- ate means and little experience, and proposes to grow for some small market	1 50
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For wheat, if sown broadcast, use 300 to 350 lbs. to the acre. If drilled in with the seed, from 200 to 250 lbs. will be sufficient.

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For grass, use 350 to 400 lbs. to the acre; apply broadcast before a rain.

For vines and fruit-trees of every kind, loosen the earth about the vine or tree and use at the rate of 500 lbs., to the acre, working it into the soil.

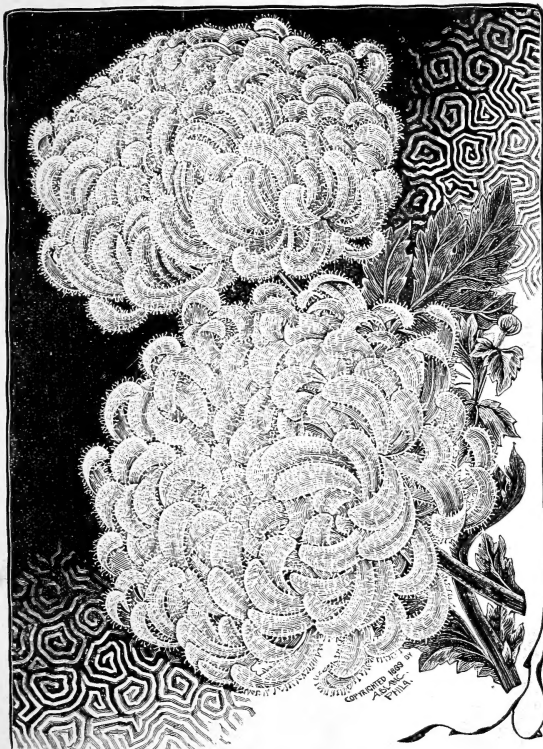
On potatoes, mix the fertilizer with the earth where the seed is dropped. Use at the rate of 400 lbs. to the acre.

For corn or vegetables, use from 300 to 400 lbs. to the acre.

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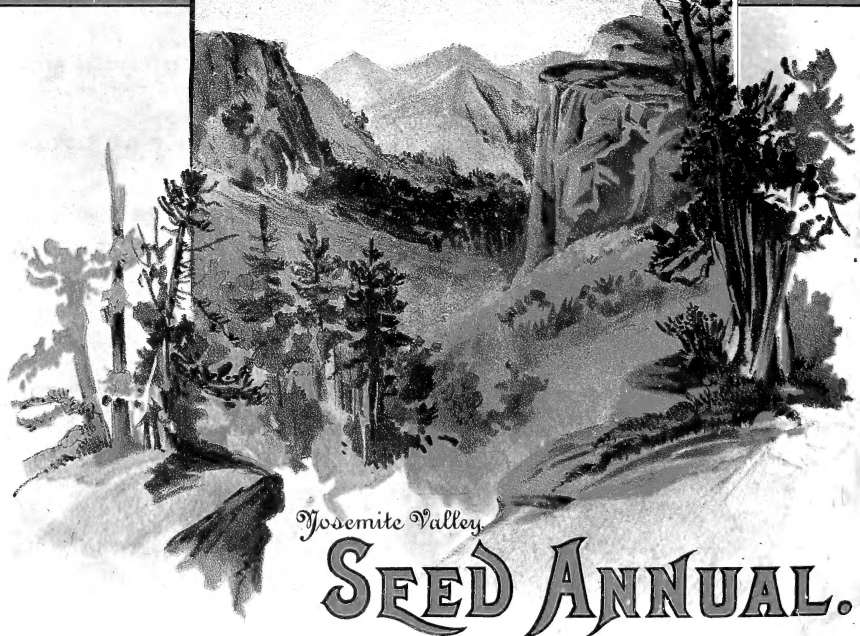
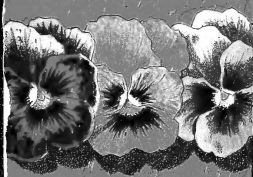
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